website:http://biz.LGservice.com
e-mail:http://www.LGEservice.com/techsup.html

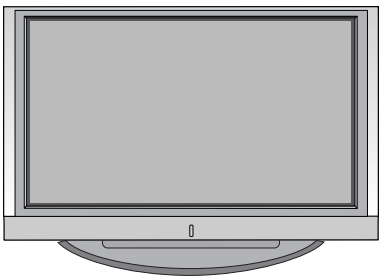
PLASMA TV
SERVICE MANUAL

CHASSIS : MF-056L

MODEL : 42PC1RR

42PC1RR-ZL

CAUTION
BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



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SCHEMATIC DIAGRAM.....

PRINTED CIRCUIT DIAGRAM .....

SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by ⚠ in the Schematic Diagram and Replacement Parts List.
It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.
Do not modify the original design without permission of manufacturer.

General Guidance

An **isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and it's components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

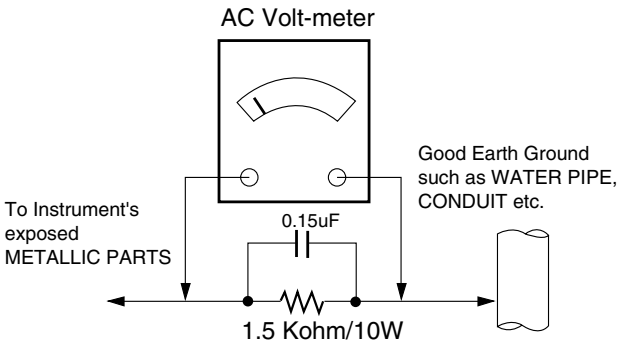
Keep wires away from high voltage or high temperature parts.

Due to high vacuum and large surface area of picture tube, extreme care should be used in **handling the Picture Tube**.
Do not lift the Picture tube by it's Neck.

Leakage Current Cold Check(Antenna Cold Check)
With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.
If the exposed metallic part has a return path to the chassis, the measured resistance should be between 1MΩ and 5.2MΩ.
When the exposed metal has no return path to the chassis the reading must be infinite.
An other abnormality exists that must be corrected before the receiver is returned to the customer.

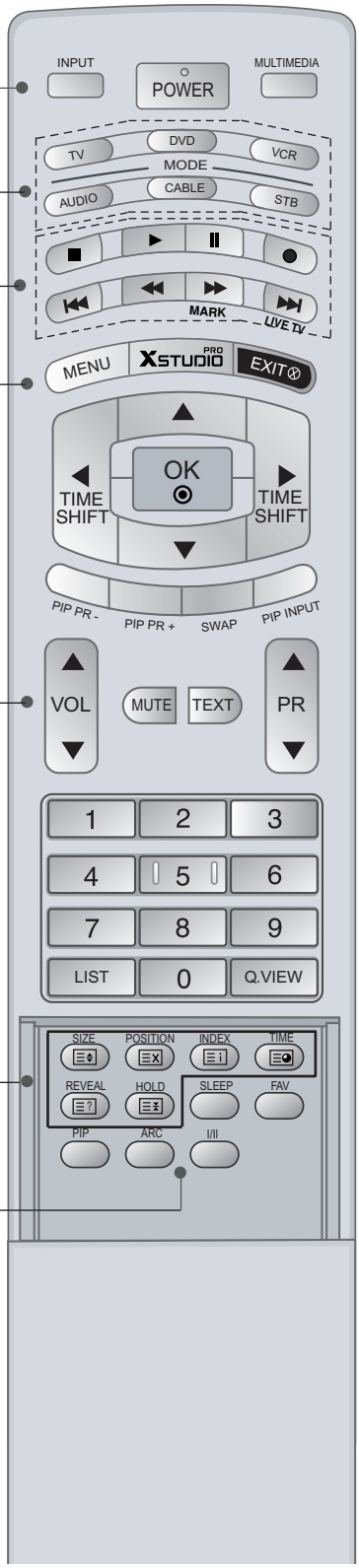
Leakage Current Hot Check (See below Figure)
Plug the AC cord directly into the AC outlet.
Do not use a line Isolation Transformer during this check.
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.
Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.
Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which is corresponds to 0.5mA.
In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



DESCRIPTION OF CONTROLS

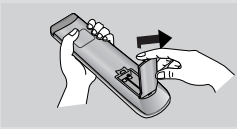
POWER	switches the set on from standby or off to standby.
INPUT	Selects the TV, AV, Component, RGB or HDMI/DVI modes. switches the set on from standby.
MULTIMEDIA	Selects the Component, RGB or HDMI/DVI modes. switches the set on from standby.
MODE	Selects another device.
VCR BUTTONS	Controls a video cassette recorder. These buttons are used for X Studio. For further details, see the 'X Studio' section.
MARK	Selects the wanted functions.
LIVE TV	In AV1, AV2, S-Video2, AV3, AV4, Component, RGB, HDMI/DVI input sources, screen returns to the last TV programme.
XSTUDIO PRO	Brings up the HOME menu.
MENU	Displays on screen menus one by one. Exits the current menu. Memorizes menu changes.
EXIT	Clears all on-screen displays and returns to TV viewing from any menu.
VOL ▲ / ▼ (Volume Up/Down)	Increases/decreases sound level.
PR ▲ / ▼ (Programme Up/Down)	Select a programme. Switchs the set on from standby.
MUTE	Switches the sound on or off.
TEXT	These buttons are used for teletext. For further details, see the 'Teletext' section. Note : In teletext mode, the PIP PR +/-, SWAP and PIP INPUT buttons are used for teletext function.
ARC	Changes the picture format.
I/II	Selects the language during dual language broadcast. Selects the sound output.



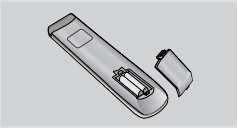
OK	accepts your selection or displays the current mode.
▲ / ▼ or ◄ / ► (TIME SHIFT)	Adjusts menu settings. Selects menu item.
PIP	Switches the sub picture on or off. Selects PIP , POP or DW modes.
PIP PR +/-	Selects a programme for the sub picture.
SWAP	Alternates between main and sub picture.
PIP INPUT	Selects the input mode for the sub picture.
SIZE	Adjusts the sub picture size.
POSITION	Moves the sub picture to ▲ / ▼ or ◄ / ► direction.
NUMBER buttons	
LIST	Displays the programme table.
Q.VIEW	Returns to the previously viewed programme.
SLEEP	Sets the sleep timer.
FAV	Selects a favourite programme.

Installing Batteries

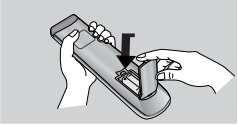
1. Open the battery compartment cover on the back side.



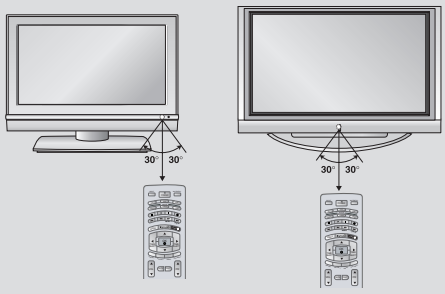
2. Insert two batteries in correct polarity (+ with +, - with -). Don't mix old or used batteries with new ones.



3. Close the cover.

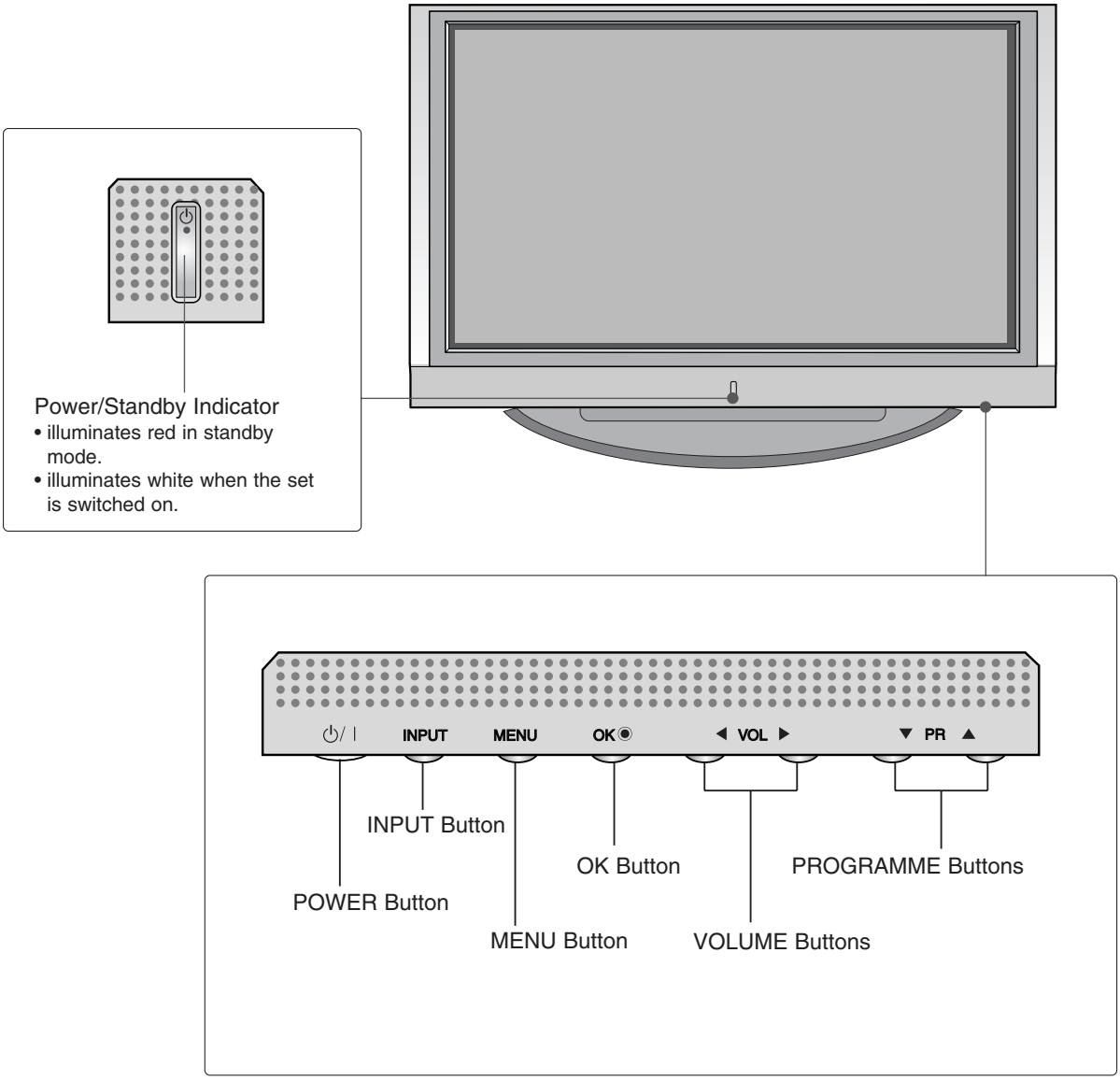


Remote control effective range

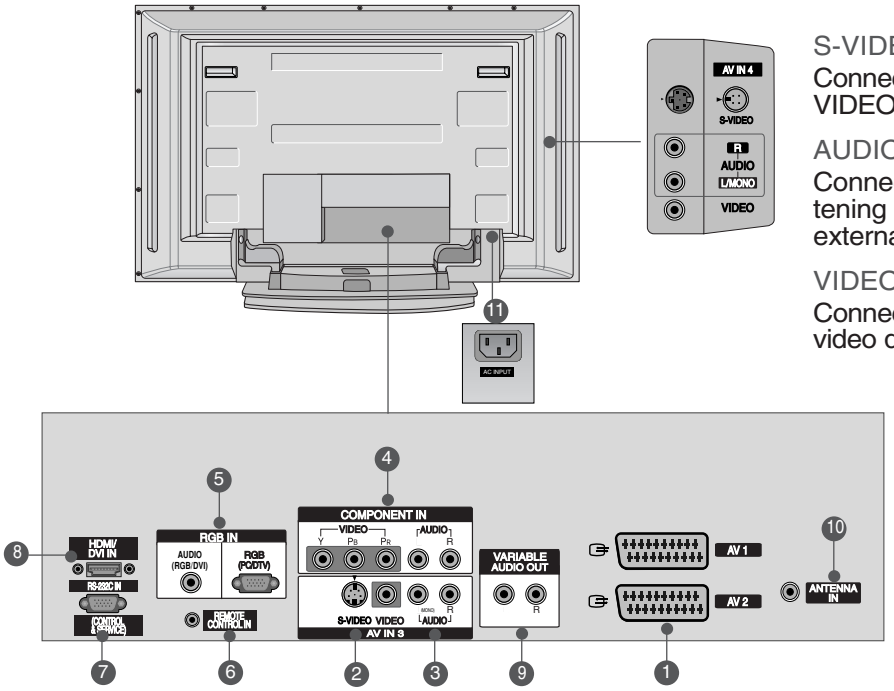


- Use a remote control 7 meter distance and 30 degree (left/right) within the receiving unit scope.
- Dispose of used batteries in a recyclebin to preserve environment.

Front Panel Controls



Back Connection Panel



S-VIDEO Input
Connect S-Video out from an S-VIDEO device.

AUDIO Input
Connections are available for listening stereo sound from an external device.

VIDEO Input
Connects the video signal from a video device.

❶ Euro Scart Socket (AV1/AV2)
Connect scart socket input or output from an external device to these jacks.

❷ S-Video Input
Connect S-Video out from an S-VIDEO device.

❸ Audio/Video Input
Connect audio/video output from an external device to these jacks.

❹ Component Input
Connect a component video/audio device to these jacks.

❺ RGB/Audio Input
Connect the monitor output from a PC/DTV to the appropriate input port.

❻ Remote Control Port

❼ RS-232C Input(CONTROL&SERVICE)Port
Connect the serial port of the control devices to the RS-232C jack.

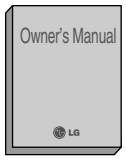
❽ HDMI/DVI Input
Connect a HDMI signal to HDMI/DVI.
Connect DVI(VIDEO) signal to HDMI/DVI port with DVI to HDMI cable.

❾ Variable Audio Output
Connect an external amplifier or add a subwoofer to your surround sound system.

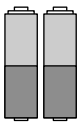
❿ Antenna Input

⓫ Power Cord Socket
This set operates on an AC power. The voltage is indicated on the Specifications page. Never attempt to operate the set on DC power.

ACCESSORIES



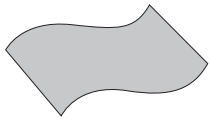
Owner's Manual



Batteries

Remote Control

Power Cord



Polishing Cloth
Polish the screen with the cloth
(Option)

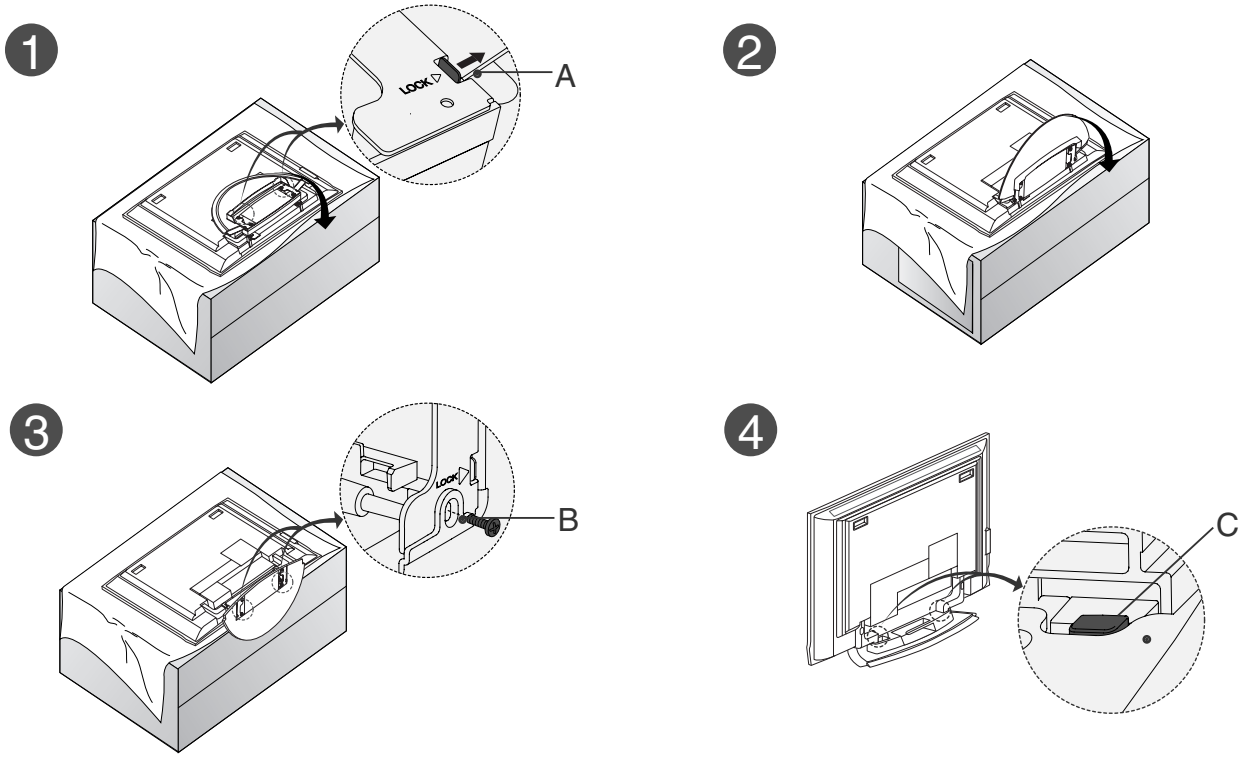
For 42PC1RR *

2-Wall brackets

2-eye-bolts

2-bolts for stand assembly
This feature is not available
for all models.

STAND INSTALLATION (OPTION)



- Place the set with the screen facing down on a cushion or soft cloth as shown in Figures 1.
  Before unfolding the stand, please make sure two locks (A) on the bottom of the stand push outward.
- Pull the stand out as shown above in Figures 2 ~ 3.
  After unfolding the stand, please insert and tighten the screws in the holes (B) on the bottom of the stand.
- When connecting cables to the set, Do not disengage the lock (C).
  This may cause the set to fall, causing serious bodily injury and serious damage to the set.

* NOTE

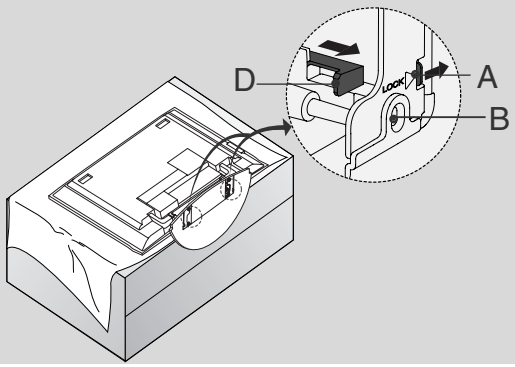
Figures shown here may be slightly different from your set.

When closing the stand for storage

First remove the screws in the holes (B) on the bottom of the stand. And then pull two Hooks (D) of the stand bottom

and fold the stand into the back of the set.

After folding, push two Locks (A) of the stand bottom outward.



SPECIFICATIONS

NOTE : Specifications and others are subject to change without notice for improvement.

■ Application Range

This spec is applied to the 42” PLASMA TV used MF-056L Chassis.

Chassis	Model Name	Market	Brand	Remark
MF-056L	42PC1RR-ZL	EU	LG	

■ Specification

Each part is tested as below without special appointment.

1) Temperature : 25±5°C (77±9°F), CST : 40±5
2) Relative Humidity: 65±10%
3) Power Voltage: Standard Input voltage (100-240V~, 50/60Hz)
   * Standard Voltage of each product is marked by models.
4) Specification and performance of each parts are followed each drawing and specification by part number in accordance with SBOM.
5) The receiver must be operated for about 20 minutes prior to the adjustment.

■ Test Method

1) Performance : LGE TV test method followed.
2) Demanded other specification
   Safety : CE, IEC specification
   EMC : CE, IEC

Model	Market	Appliance	Remark
42PC1RR-ZL	EU	Safety : IEC/EN60065, EMI : EN55013, EMS : EN55020	TEST

■ General Specification

1. Module Specification(42”XGA MODULE)

No	Item	Specification	Remark
1	Display Screen Device	42” Wide Color Display Module	Plasma Display Panel
2	Aspect Ratio	16:9	
3	PDP Module	PDP42X3, RGB Closed Type	Film Filter
4	Operating Environment	1)Temp. : 0~40deg 2)Humidity : 0~85%	LGE SPEC.
5	Storage Environment	3)Temp. : -20~60deg 4)Humidity : 0~85%	
6	Input Voltage	100-240V~, 50/60Hz	Maker : SONY/ Sanken

2. Model General Specification

No	Item	Specification			Remark
1	Market	EU			
2	Broadcasting system	PAL-BG/I/DK, NTSC			
3	Available Channel	BAND	PAL	NTSC	
		VHF/UHF	C1~C69	2~83	
		CATV	S1~S47	1~71	
4	Receiving system	Upper Heterodyne			
5	Video Input (2EA)	PAL, SECAM, NTSC			4 System : PAL, SECAM, NTSC, PAL60
6	Video Output (1EA)	PAL, SECAM, NTSC			4 System : PAL, SECAM, NTSC, PAL60
7	S-Video Input (2EA)	PAL, SECAM, NTSC			4 System : PAL, SECAM, NTSC, PAL60
8	Component Input (1EA)	Y/Cb/Cr, Y/Pb/Pr			
9	RGB Input (1EA)	RGB-PC, RGB-DTV			
10	HDMI Input (1EA)	HDMI-PC HDMI-DTV			Compatible with DVI
11	Audio Input (4EA)	PC Audio, Component(1EA), AV (2EA)			L/R Input
12	Wired Control (1EA)				
13	Audio variable out (1EA)	SM,MMC,SD,MS Pro,CF,Microdrive			Available for TV Speaker Off

ADJUSTMENT INSTRUCTIONS

1. Application Object

These instructions is applied all of the 42” PLASMA TV, MF-056L Chassis.

2. Note

(1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test instrument.
(2) Adjustment must be done in the correct order.
(3) The adjustment must be performed in the circumstance of 25±5°C of temperature and 65±10% of relative humidity if there is no specific designation.
(4) The input voltage of the receiver must keep 100-220V~, 50/60Hz.
(5) The receiver must be operated for about 15 minutes prior to the adjustment.

● After RGB Full white HEAT-RUN Mode, the receiver must be operated prior to adjustment.
● Enter into HEAT-RUN MODE
1) Press the POWER ON KEY on R/C for adjustment.
2) OSD display and screen display PATTERN MODE.

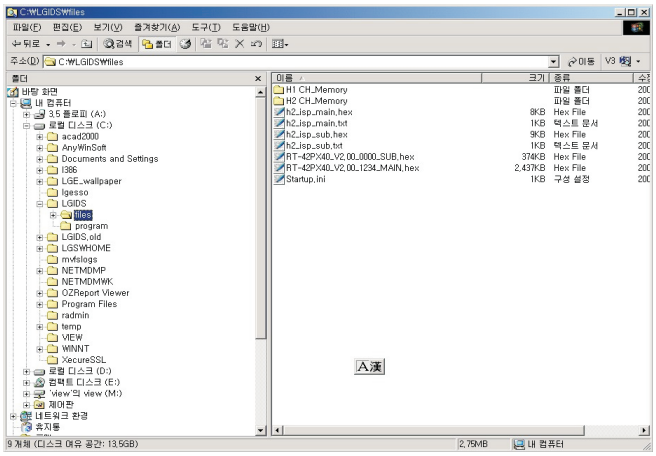
※ Set is activated HEAT-RUN without signal generator in this mode.
※ Single color pattern(RED/BLUE/GREEN) of HEAT-RUN mode uses to check PANEL.

Caution) If you turn on a still screen more than 20 minutes, (Especially digital pattern, cross hatch pattern) after image may be occur in the black level part of the screen.

3. Channel memory

3-1. Setting up the LGIDS

1) Install the LGIDS. (idsinst.exe)
2) After installation, restart your PC.
3) Extract [files.zip] to folder [c:\LGIDS\files].
4) Start LGIDS.

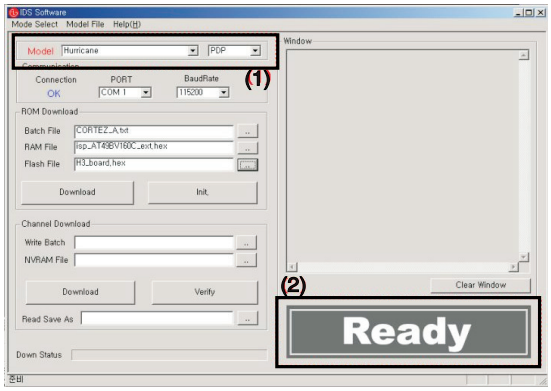


(Fig. 1)

3-2. Channel memory Method

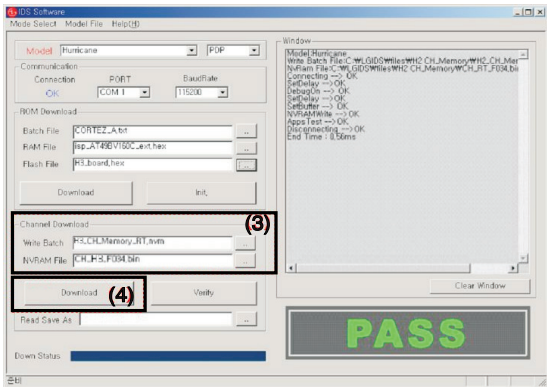
1) Select “PDP” and “Hurricane” on Model dialog. And check your connection in Communication dialog. (If your connection is ‘NG’, then set your PORT.(COM1,2,3,...) correctly.)
2) Connect RS-232C cable and turn on the power.
(If your connection has completed, you can see “Ready”.)

※ If your set is not an end products but only a board, you have to make your board to Stand-by state (LED_R). And you have to Download in Stand_by power state.



(Fig. 2)

3) Select proper CH_memory file(*.nvm) for each model at [NVRAM Download] ⟶ [Write Batch]
Next, select proper binary file(*.bin) including the CH information for each model at [NVRAM File].
File name : H2_CH_Memory_RZ.nvm
4) Click the [Download] button.
It means the completion of the CH memory download if all items show ‘OK’ and Status is changed by ‘PASS’ at the lower right corner of the window.
5) If you want to check whether the CH information is memorized correctly or not, click the [Verify] button.
And then compare NVRAM File(*.bin) with the CH information downloaded.

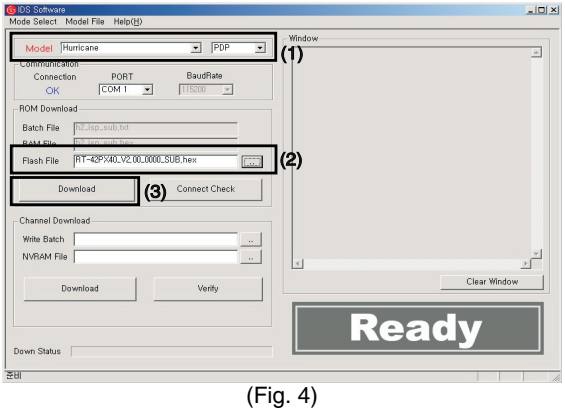


(Fig. 3)

4. Sub Program Down Load

4-1. Sub Program Down Load for “Cortez”

1) Select “PDP” and “Hurricane” on Model dialog. and check your connection in Communication dialog.
(If your connection is ‘NG’, then set your PORT(COM1,2,3,...) correctly)
2) Connect RS232 cable and turn on the power.(Use the Special Cable For Sub-program)
(If your connection has completed, you can see)
3) Select proper ‘Model’ for each model.
4) Select ‘flash file’ for each model.
5) Click the [Download] button.
It means the completion of the ROM download if all items show ‘OK’ and Status is changed by ‘PASS’ at the lower right corner of the window.

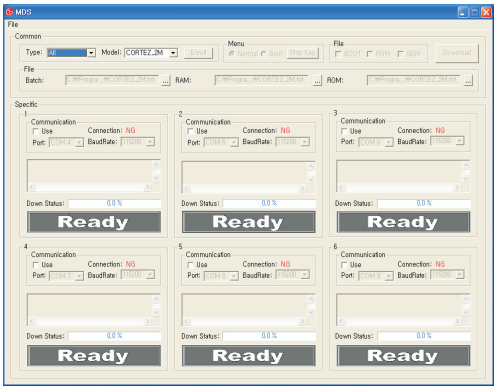


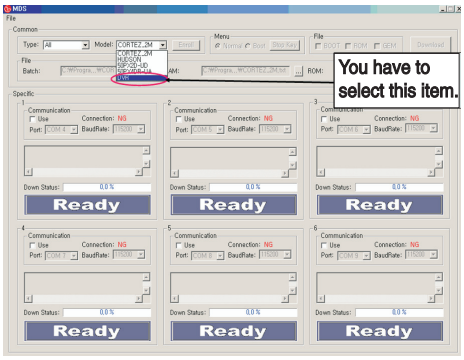
(Fig. 4)

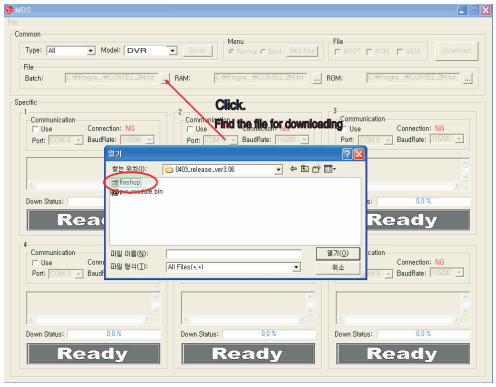
4-2. Sub Program Down Load for “DVR”

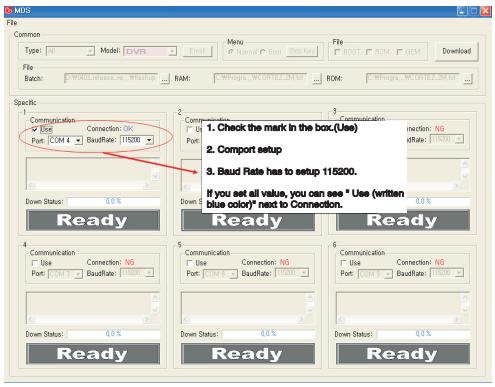
1) Download Setup
- You must change the DVR Download mode by using the Turbo Sound Key on the remote controller.

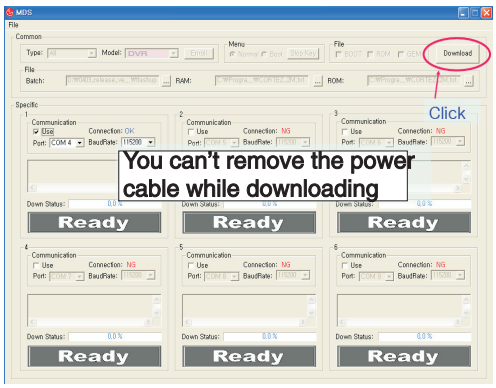
2) MDS Program Setup
- Open the MDS Program

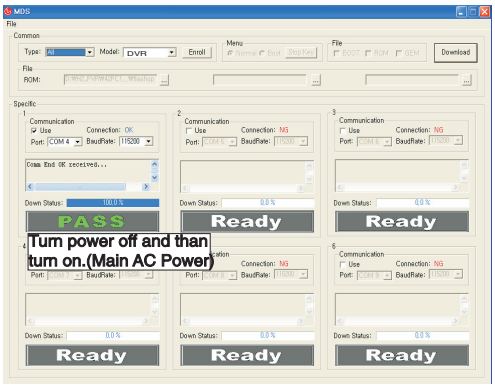







1. Check the mark in the box.(Use)
2. Comport setup
3. Baud Rate has to setup 115200.
If you set all value, you can see * Use (written blue color)* next to Connection.
Ready





5. Auto AV(CVBS) Color Balance

5-1. Requirement

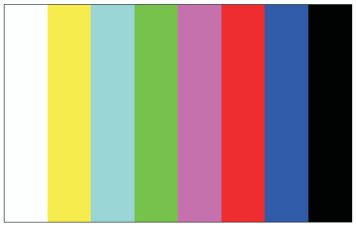
- This AV color balance adjustment should be performed before White Balance Adjustment.
- It is very import to use correct adjustment pattern like (Fig.5).
  - Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
    (If color sequence is reversed (Black ->...-> White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
  - If Minimum Black Level and/or Maximum White Level is not correct, Do select 100% Color Bar Pattern.

5-2. Required Test Equipment

1) Remote controller for adjustment
2) AV Pattern Generator : 802F Pattern Generator, Master(MSPG-925FA), etc.
   (Which has PAL Composite Video format output with standard(1.0 Vpp) Vertical 100% Color Bar Pattern as Fig. 5)

5-3. Method of Auto RGB Color Balance

1) Input the PAL Composite Video (Fig.5. 100% Color Bar Pattern) into video input. (42PC1RR-ZL : AV3/AV4)
2) Set the PSM to Dynamic mode in Picture menu.
3) Press INSTART key on R/C for adjustment.
4) Press the ► (Vol.+) key operate to set , then it becomes automatically.
5) Auto-RGB OK means completed adjustment.



(Fig. 5) Auto AV(CVBS) Color Balance Test Pattern

6. Auto Component Color Balance

6-1. Requirement

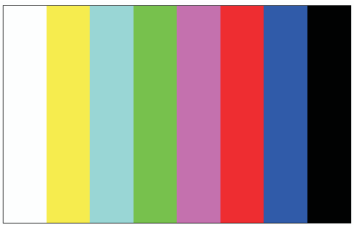
- It is very import to use correct adjustment pattern like (Fig.6).
  - Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
    (If color sequence is reversed (Black ->...-> White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
  - If Minimum Black Level and/or Maximum White Level is not correct, Do select 100% Color Bar Pattern.

6-2. Required Test Equipment

1) Remote controller for adjustment.
2) 802F Pattern Generator.
   (Which has 720p YpbPr output with Standard(0.7Vpp)Vertical 100% Color Bar Pattern as Fig. 6)

6-3. Method of Auto RGB Color Balance

1) Input the Component 720p 100% Color Bar signal into Component1 or Component2.
2) Set the PSM to Dynamic mode in Picture menu.
3) Press INSTART key on R/C for adjustment.
4) Press the ► (Vol.+) key operate To set , then it becomes automatically.
5) Auto-RGB OK means completed adjustment.



(Fig. 6) Auto Component Color Balance Test Pattern

7. Auto RGB Color Balance

7-1. Requirement

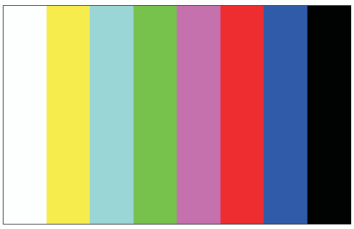
- It is very import to use correct adjustment pattern like (Fig. 7).
  - Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
    (If color sequence is reversed (Black ->...-> White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
  - If Minimum Black Level and/or Maximum White Level is not correct, Do select 100% Color Bar Pattern.

7-2. Required Test Equipment

1) Remote controller for adjustment
2) 802F Pattern Generator, Master (MSPG-925FA), etc.
   (Which has XGA 60Hz PC Format output with standard(0.7Vpp) 100 % Color Bar Pattern as Fig. 7)

7-3. Method of Auto RGB Color Balance

1) Input the PC 1024x768 @ 60Hz 100 % Color Bar Pattern into RGB.
2) Set the PSM to Dynamic mode in Picture menu.
3) Press INSTART key on R/C for adjustment.
4) Press the ► (Vol.+) key operate To set , then it becomes automatically.
5) Auto-RGB OK means completed adjustment.



(Fig. 7) Auto RGB Color Balance Test Pattern

8. Checking DVR Function and HDD

(Fig. 8) DVR MENU

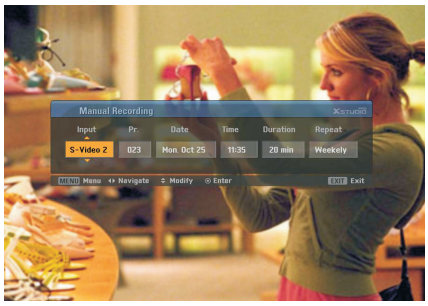
8-1. Time Shift

1) Press 'OK' button and check Time Shift is working through Progress bar is on.
2) Press ⏮ after the time is 0:00:02 on the bar and check previous picture for a few seconds.
   (just ⏮ , ⏭ is working under 30seconds)
3) Press ⏭ and check a live picture back.

(Fig. 9) Time Shift Progress bar

8-2. Recoding

1) Time setting :
   (1) Set any time on the MENU for recoding.
   (Recoding can't be done under the Time is not active.
   When main power is off , the time will be resetted.)
2) Manual Recoding :

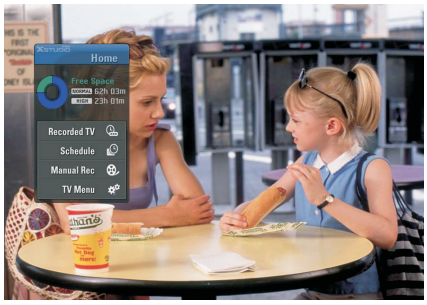


(Fig. 10) DVR MENU

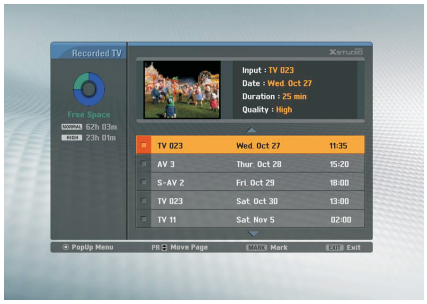
(1) Set recoding information and check it on the scheduled list.

(Fig. 11) Scheduled List

3) Instant Recoding.
   (1) Press the recoding button on remote control and record a present program for 10 seconds then press the stop button to stop recoding.
   (2) After finishing recoding, play the recoded clip on 'the Recoded TV'.



(Fig. 12) Xstudio PRO MENU



(Fig. 13) Recoded List

9. POWER PCB Assy Voltage Adjustments (Va, Vs Voltage adjustments)

9-1. Test Equipment : D.M.M. 1EA

9-2. Connection Diagram for Measuring

: refer to Fig.14

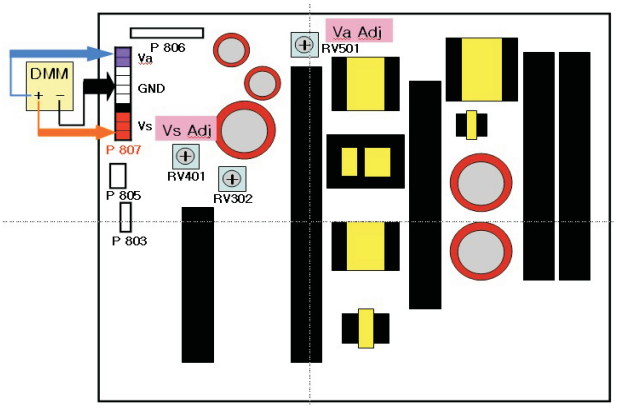
9-3. Adjustment Method

(1) Va Adjustment

1) After receiving 100% Full White Pattern, HEAT RUN.
2) Connect + terminal of D. M..M. to Va pin of P807, connect -terminal to GND pin of P807.
3) After turning RV501,voltage of D.M.M adjustment as same as Va voltage which on label of panel right/top. (deviation; ±0.5V)

(2) Vs Adjustment

1) Connect + terminal of D. M..M. to Vs pin of P807, connect -terminal to GND pin of P807.
2) After turning RV 401, voltage of D.M.M adjustment as same as Vs voltage which on label of panel right/top. (deviation ; ±0.5V)



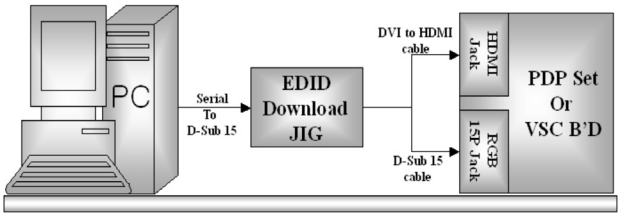
(Fig. 14) Connection Diagram of power adjustment for measuring.

10. EDID (The Extended Display Identification Data)/ DDC (Display Data Channel) download

10-1. Required Test Equipment

1) Adjusting PC with S/W for writing EDID Data.
(S/W : EDID TESTER Ver.2.5)
2) A Jig for EDID Download.
3) Cable : Serial(9Pin or USB) to D-sub 15Pin cable, D-sub 15Pin cable, DVI to HDMI cable.

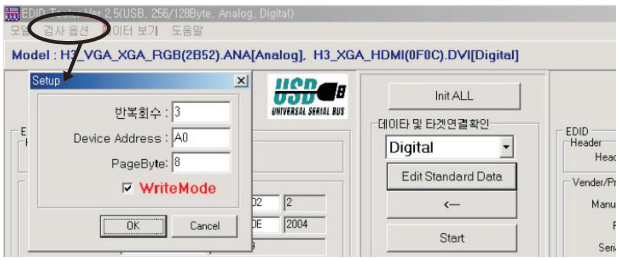
10-2. Setting of device



(Fig. 15) Connection Diagram of DDC download

10-3. Preparation for Adjustment

1) As above Fig. 6, Connect the Set, EDID Download Jig, PC & Cable.
2) Turn on the PC & EDID Download Jig. And Execute the S/W : **EDID TESTER Ver,2.5**.
3) Set up S/W option.
Repeat Number : 5
Device Address : A0
PageByte : 8

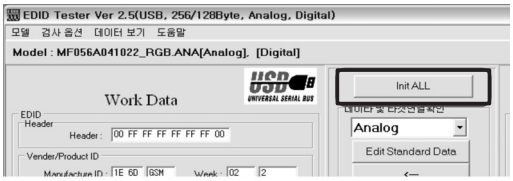


4) Power on the Set.

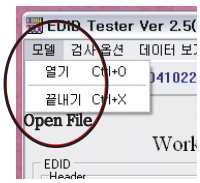
10-4. Sequence of Adjustment

(1) DDC data of Analog-RGB

1) Init the data.

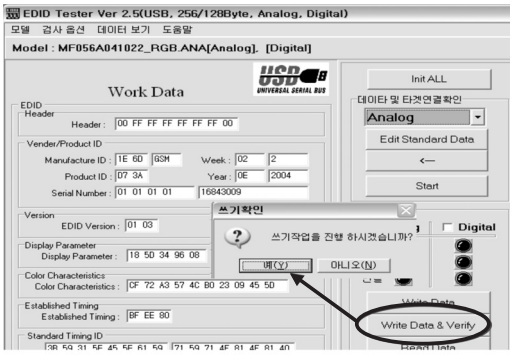


2) Load the EDID data.(Open File).

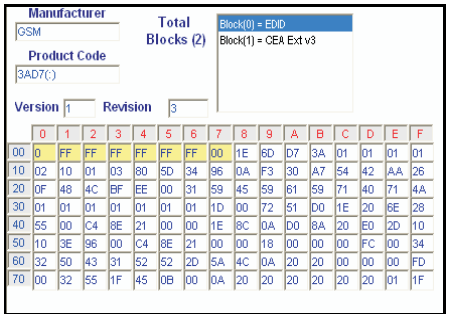


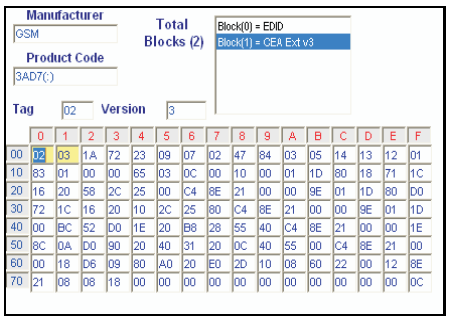
[Analog(RGB) : 42PC1RR_RGB(3A)0307.ana] (VGA,XGA)
[Digital(HDMI): 42PC1RR_HDMI(1F0C)_0307.div] (XGA)

3) Set the S/W as below.
4) Push the “Write Data & Verify”button. And confirm “Yes”.
5) If the writing is finished, you will see the “OK” message.

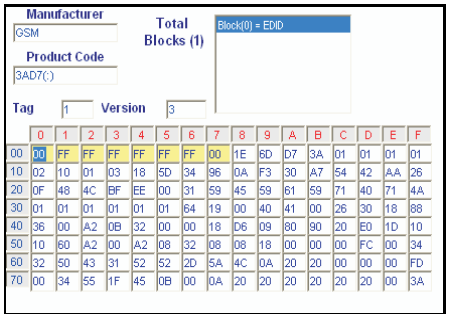


6) HDMI/DVI EDID data(check sum : 1F0C)





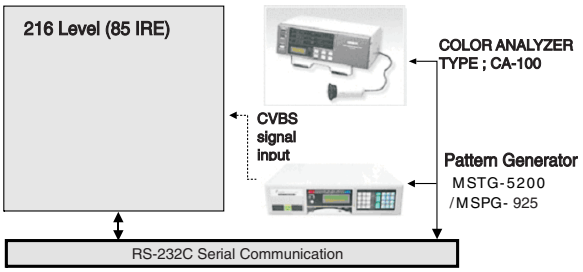
7) HDMI/DVI EDID data(check sum : 1F0C)



11. Adjustment of White Balance

11-1. Required Equipment

1) Remote controller for adjustment.
2) Color Analyzer.(CA-100 or same product)
3) Auto W/B adjustment instrument.(only for Auto adjustment)
4) AV Pattern Generator.



(Fig. 16) Connection Diagram of Auto W/B Adjustment

11-2. Connecting diagram of equipment for measuring (For Auto Adjustment)

◆ Auto adjustment Map(RS-232C)

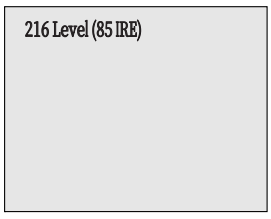
Type		MF-056L				
Baud Rate		Data bit		Stop bit		Parity
115200		8		1		NONE
Protocol Setting	Index	Cmd1	Cmd2	Data	Min Value	Max Value
	R Gain	j	a		00(00)	255(FF)
	G Gain	j	b		00(00)	255(FF)
	B Gain	j	c		00(00)	255(FF)
	R Offset	j	d		00(00)	255(FF)
	G Offset	j	e		00(00)	255(FF)
	B Offset	j	f		00(00)	255(FF)

11-3. Adjustment of White Balance (For Manual adjustment)

- Operate the zero-calibration of the CA-100, then stick sensor to PDP module surface when you adjust.
- For manual adjustment, it is also possible by the following sequence.

1) Select white pattern of heat-run mode by pressing power on key on remote control for adjustment then operate heat run more than 15 minutes.
2) As below Fig.17, Supply 216Level (85 IRE) full screen pattern to Video input.
(42PC1RR-ZL : AV3/AV4)
3) Press the TV/AV KEY on R/C for converting input mode.
4) Set the PSM to Standard mode in Picture menu.
5) Enter the White Balance adjustment mode by pressing the IN-START key twice(White Balance) on R/C.
6) Stick sensor to center of the screen and select each items (Red/Green/Blue Gain and Offset) using ▲/▼(CH +/-) key on R/C.
7) Adjust Only High Light with R Gain/ B Gain using ◀/▶ (VOL+/-) key on R/C.
8) Adjust it until color coordination becomes as below.
(Initially, R/G/B gain and R/G/B offset values are fixed as below
Red Gain : 82, Green Gain : 80, Blue Gain : 86
Red Offset : 7F, Green Offset : 7E, Blue Offset : 82)

Brightness : High Light : 80 ± 20cd/m2
Color-Coordinate : High Light : X : 0.285 ± 0.003
Y : 0.290 ± 0.003
Color Temperature : 9,300°K ± 500°K



(Fig. 17) Pattern for Adjustment of White Balance

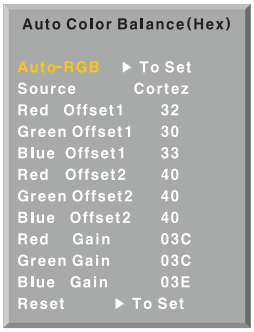
9) When adjustment is completed, Exit adjustment mode using EXIT key on R/C.

12. Input the Shipping Option Data

1) Push the ADJ key in a Adjust Remocon.
2) Input the Option Number that was specified in the BOM, into the Shipping area.
3) The work is finished, Push ■ Key.

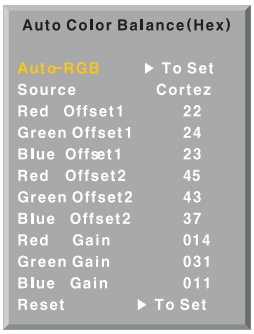
13. Default value in adjustment mode

13-1. Auto Color Balance (AV)



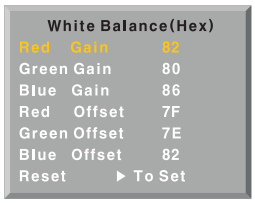
(Fig. 18) Default Value on OSD

13-2. Auto Color Balance (Component/RGB)



(Fig. 19) Default Value on OSD

13-3. White Balance



(Fig. 20) Default Value on OSD

14. Language Group

EU-All	0- EU5	1-EU-8	2- EU-North	3- EU-East	4- Non-EU	5- Non-EU etc
English	English	English	English	English	English	English
France	France	France	France	France	France	France
German	German	German	German	German	German	German
Spain	Spain	Spain	Spain	Spain	Spain	Spain
Italy	Italy	Italy	Italy	Italy	Italy	Italy
		Netherland	Sweden	Poland	Russia	
		Portugal	Norway	Russia	China	
		Greece	Denmark		Thai	

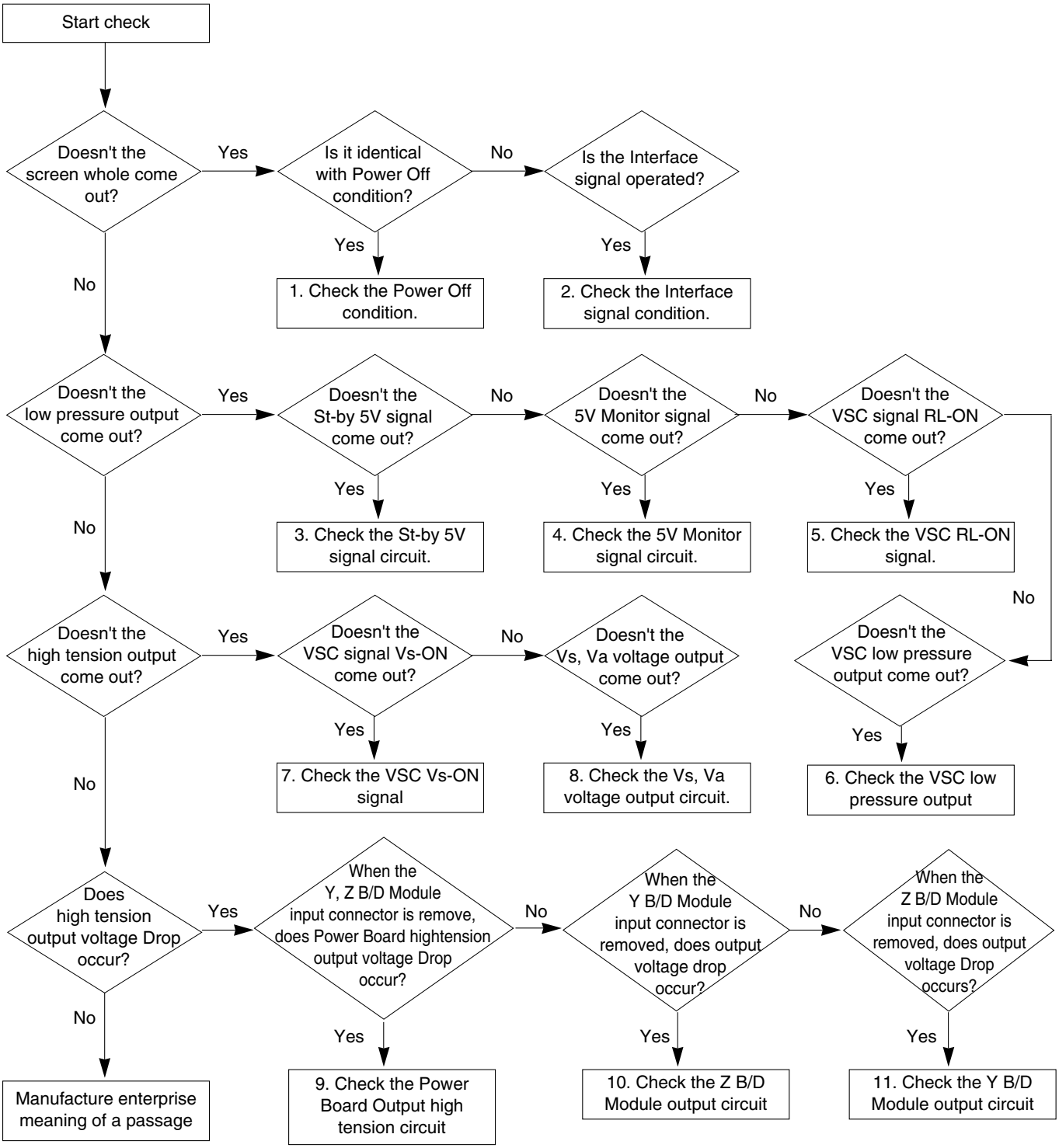
15. Teletext Language Group

0	1	2	3	4
English	Polish	English	English	English
German	German	German	German	German
Swedish	Estonian	Estonian	Swedish	Swedish
Italian	Lettish	Lettish	Italian	Italian
French	French	Cyrillic2	French	French
Spanish	Serbocroat	Cyrillic3	Hebrew	Hebrew
Turkish	Czech	Czech	Turkish	Turkish
Greek	Rumanian	English	Arabic	Farsi

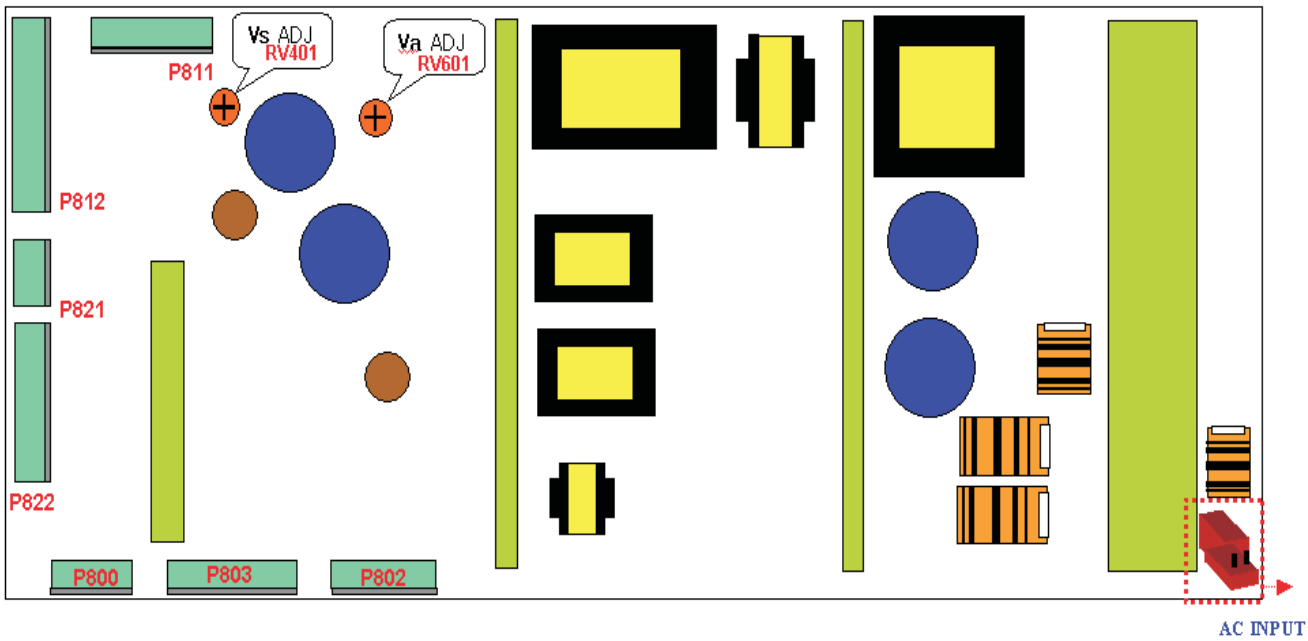
TROUBLE SHOOTING GUIDE

1. Power Board

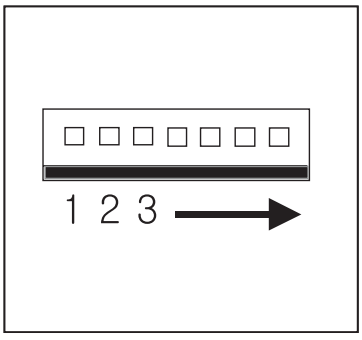
1-1. The whole flowchart which it follows in voltage output state


Start check
Doesn't the screen whole come out?
Yes
Is it identical with Power Off condition?
No
Is the Interface signal operated?
Yes
1. Check the Power Off condition.
Yes
2. Check the Interface signal condition.
No
Doesn't the low pressure output come out?
Yes
Doesn't the St-by 5V signal come out?
No
Doesn't the 5V Monitor signal come out?
No
Doesn't the VSC signal RL-ON come out?
Yes
3. Check the St-by 5V signal circuit.
Yes
4. Check the 5V Monitor signal circuit.
Yes
5. Check the VSC RL-ON signal.
No
Doesn't the high tension output come out?
Yes
Doesn't the VSC signal Vs-ON come out?
No
Doesn't the Vs, Va voltage output come out?
No
Doesn't the VSC low pressure output come out?
Yes
7. Check the VSC Vs-ON signal
Yes
8. Check the Vs, Va voltage output circuit.
Yes
6. Check the VSC low pressure output
No
Does high tension output voltage Drop occur?
Yes
When the Y, Z B/D Module input connector is remove, does Power Board hightension output voltage Drop occur?
No
When the Y B/D Module input connector is removed, does output voltage drop occur?
No
When the Z B/D Module input connector is removed, does output voltage Drop occurs?
No
Manufacture enterprise meaning of a passage
Yes
9. Check the Power Board Output high tension circuit
Yes
10. Check the Z B/D Module output circuit
Yes
11. Check the Y B/D Module output circuit

1-2. Power Board Structure



PIN No	1	2	3	4	5	6	7	8	9	10	11	12	13
P800	AC-D	RL-ON	S-5V	GND	VS-ON	5V-D	3.3 ON	S-5V	GND	NC	6V	GND	3.3ON
P802	19V	19V	GND	GND	6V	GND	3.4V	GND	12V	GND			
P803	3.4V	3.4V	GND	GND	6V	6V	GND	GND	12V	12V	GND	GND	
P811	V-S	V-S	NC	GND	GND	V-A	GND	5V					
P812	5V	GND	V-A	GND	GND	GND	NC	V-S	V-S				
P821	5V	5V	GND	GND									
P822	GND	GND	GND	GND	5V	5V	5V	5V					

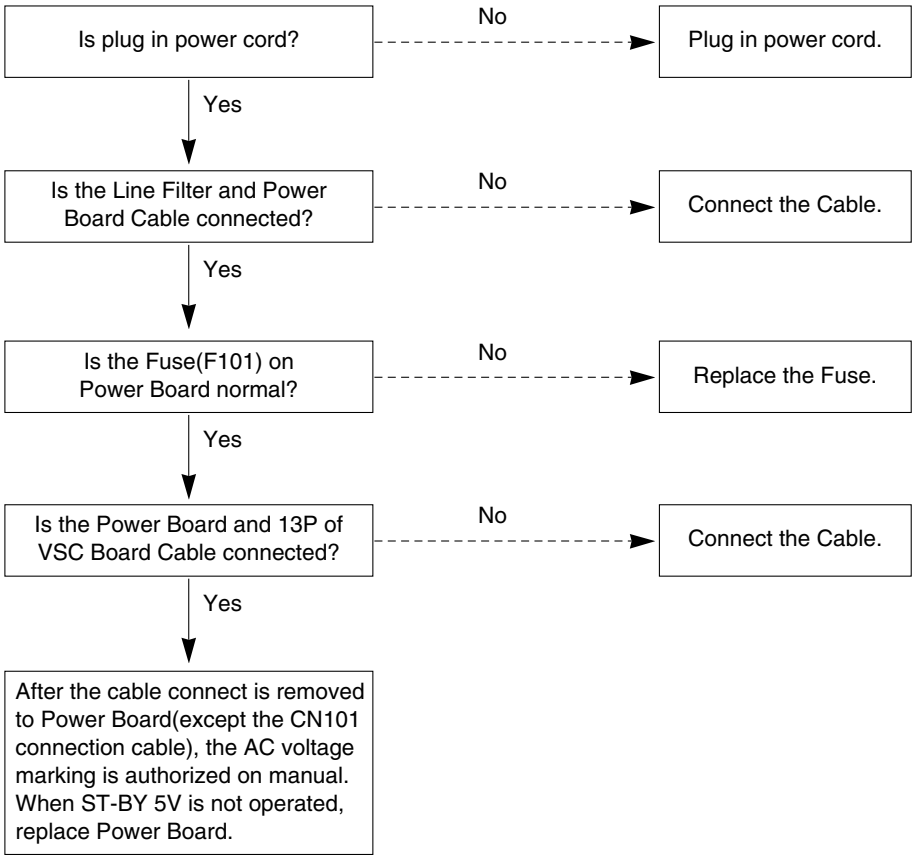


2. No Power

(1) Symptom

1) Doesn't minute discharge at module.
2) Non does not come in into the front LED.

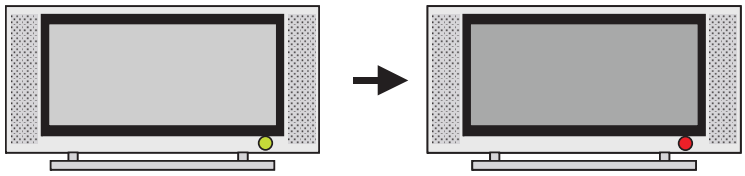
(2) Check following


Is plug in power cord?
No
Plug in power cord.
Yes
Is the Line Filter and Power Board Cable connected?
No
Connect the Cable.
Yes
Is the Fuse(F101) on Power Board normal?
No
Replace the Fuse.
Yes
Is the Power Board and 13P of VSC Board Cable connected?
No
Connect the Cable.
Yes
After the cable connect is removed to Power Board(except the CN101 connection cable), the AC voltage marking is authorized on manual. When ST-BY 5V is not operated, replace Power Board.

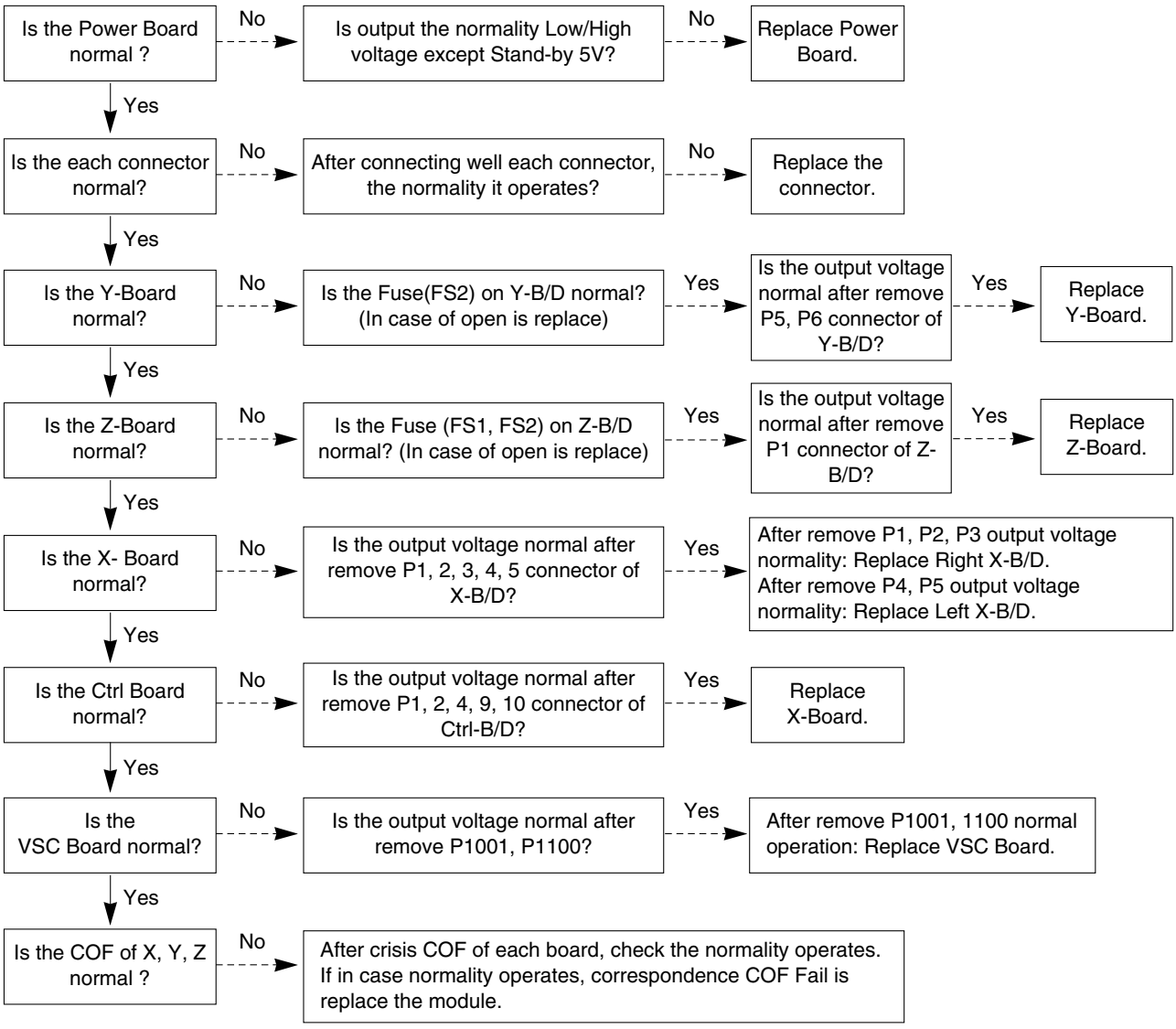
3. Protect Mode

(1) Symptom

1) After once shining, it does not discharge minutely from module.
2) The Rely falls.(The sound is audible “click”)
3) It is converted with the color where the front LED is red from green.



(2) Check following

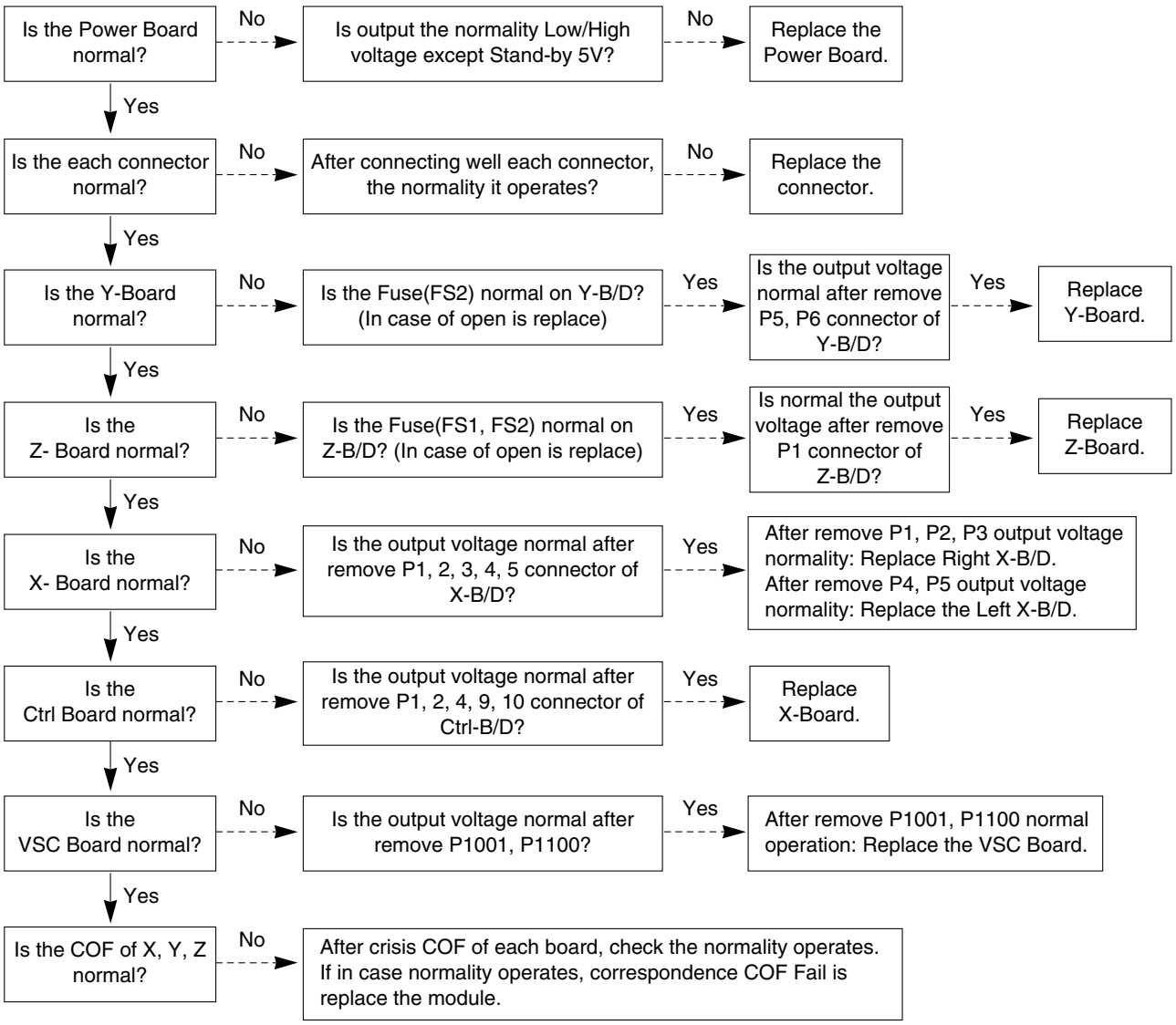

Is the Power Board normal ?
No
Is output the normality Low/High voltage except Stand-by 5V?
No
Replace Power Board.
Yes
Is the each connector normal?
No
After connecting well each connector, the normality it operates?
No
Replace the connector.
Yes
Is the Y-Board normal?
No
Is the Fuse(FS2) on Y-B/D normal? (In case of open is replace)
Yes
Is the output voltage normal after remove P5, P6 connector of Y-B/D?
Yes
Replace Y-Board.
Yes
Is the Z-Board normal?
No
Is the Fuse (FS1, FS2) on Z-B/D normal? (In case of open is replace)
Yes
Is the output voltage normal after remove P1 connector of Z-B/D?
Yes
Replace Z-Board.
Yes
Is the X- Board normal?
No
Is the output voltage normal after remove P1, 2, 3, 4, 5 connector of X-B/D?
Yes
After remove P1, P2, P3 output voltage normality: Replace Right X-B/D.
After remove P4, P5 output voltage normality: Replace Left X-B/D.
Yes
Is the Ctrl Board normal?
No
Is the output voltage normal after remove P1, 2, 4, 9, 10 connector of Ctrl-B/D?
Yes
Replace X-Board.
Yes
Is the VSC Board normal?
No
Is the output voltage normal after remove P1001, P1100?
Yes
After remove P1001, 1100 normal operation: Replace VSC Board.
Yes
Is the COF of X, Y, Z normal ?
No
After crisis COF of each board, check the normality operates.
If in case normality operates, correspondence COF Fail is replace the module.

4. No Raster

(1) Symptom

1) Doesn't minute discharge at module.
2) It maintains the condition where the front LED is green.

(2) Check following

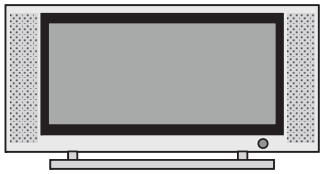

Is the Power Board normal?
No
Is output the normality Low/High voltage except Stand-by 5V?
No
Replace the Power Board.
Yes
Is the each connector normal?
No
After connecting well each connector, the normality it operates?
No
Replace the connector.
Yes
Is the Y-Board normal?
No
Is the Fuse(FS2) normal on Y-B/D? (In case of open is replace)
Yes
Is the output voltage normal after remove P5, P6 connector of Y-B/D?
Yes
Replace Y-Board.
Yes
Is the Z- Board normal?
No
Is the Fuse(FS1, FS2) normal on Z-B/D? (In case of open is replace)
Yes
Is normal the output voltage after remove P1 connector of Z-B/D?
Yes
Replace Z-Board.
Yes
Is the X- Board normal?
No
Is the output voltage normal after remove P1, 2, 3, 4, 5 connector of X-B/D?
Yes
After remove P1, P2, P3 output voltage normality: Replace Right X-B/D.
After remove P4, P5 output voltage normality: Replace the Left X-B/D.
Yes
Is the Ctrl Board normal?
No
Is the output voltage normal after remove P1, 2, 4, 9, 10 connector of Ctrl-B/D?
Yes
Replace X-Board.
Yes
Is the VSC Board normal?
No
Is the output voltage normal after remove P1001, P1100?
Yes
After remove P1001, P1100 normal operation: Replace the VSC Board.
Yes
Is the COF of X, Y, Z normal?
No
After crisis COF of each board, check the normality operates.
If in case normality operates, correspondence COF Fail is replace the module.

5. In case of occurring strange screen into specific mode

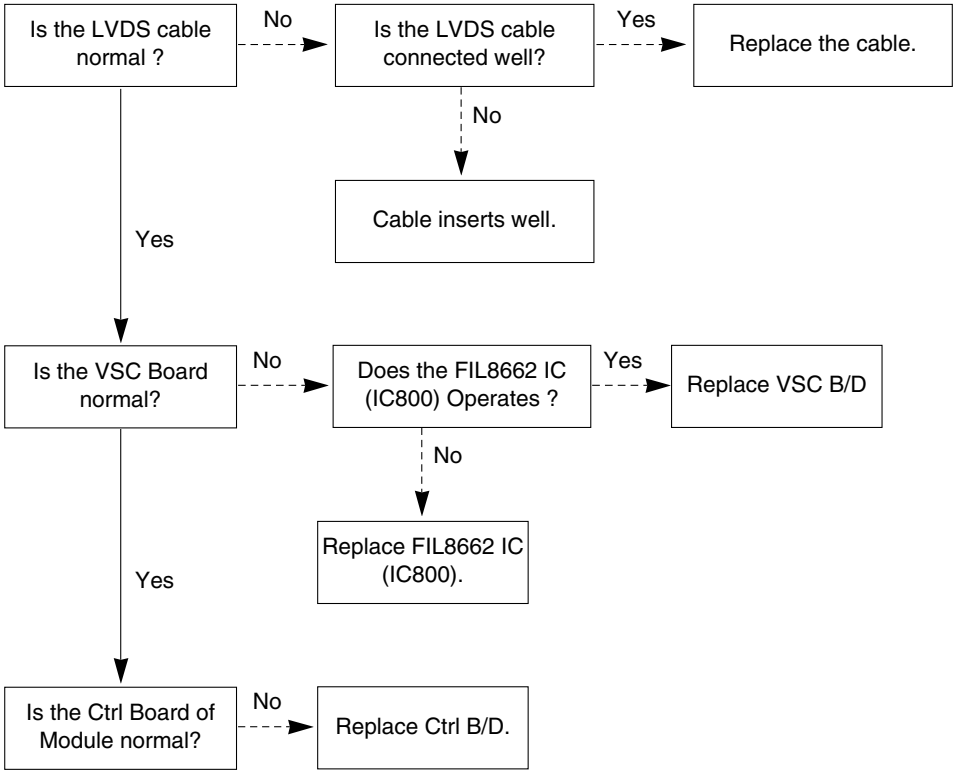
5-1. In case the OSD does not displayed

(1) Symptom

1) LED is green.
2) The minute discharged continuously becomes.
3) Accomplished from module.



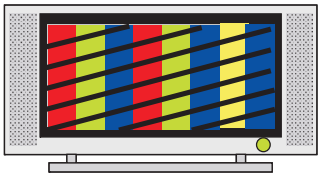
(2) Check following

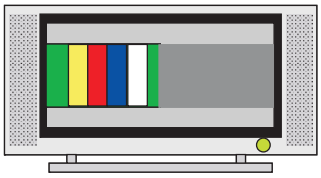


5-2. In case of does't display the screen into specific mode

(1) Symptom

1) The screen does not become the display from specific input mode (RF, AV, Component, RGB, DVI).

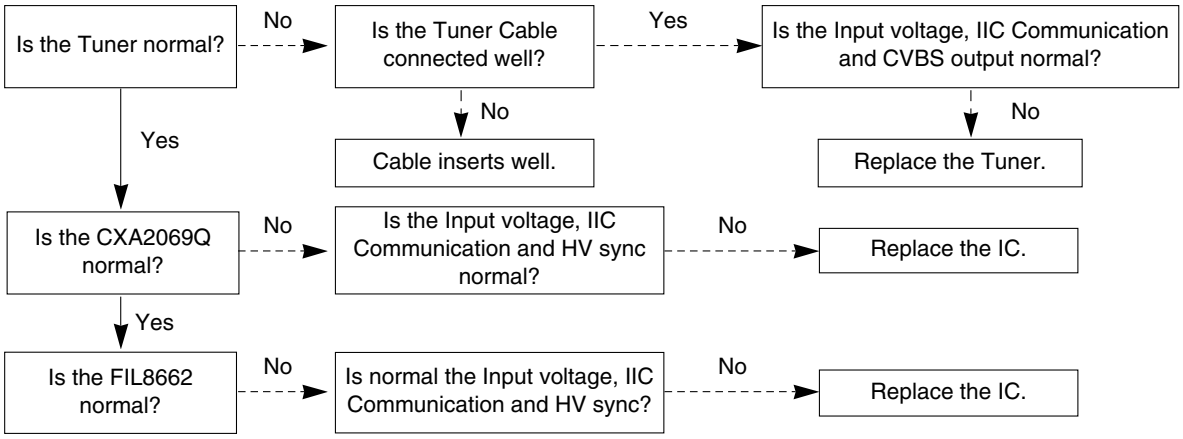




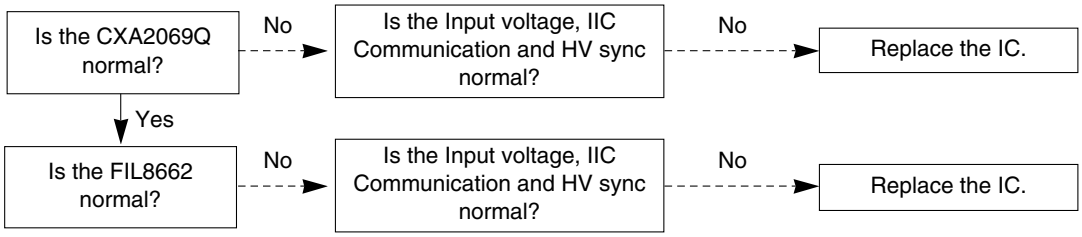
(2) Check following

1) Check the all input mode should become normality display.
2) Check the Video(Main)/Data(Sub), Video(Main)/Video(Sub) should become normality display from the PIP mode or DW mode. (Re-Check it Swap)

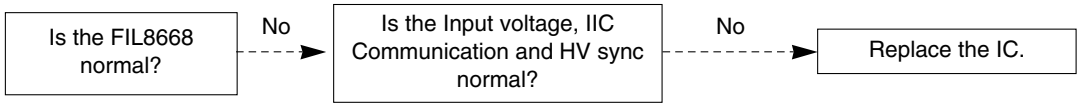
(3) In case of becomes unusual display from RF mode



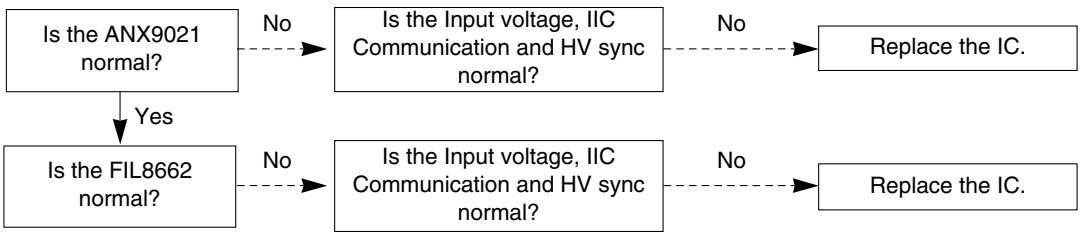
(4) In the case of becomes unusual display from RF, AV mode



(5) In the case of becomes unusual display from Component, RGB mode



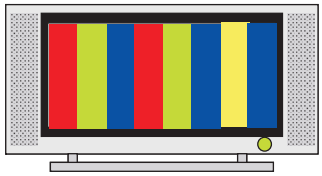
(6) In the case of becomes unusual display from HDMI mode



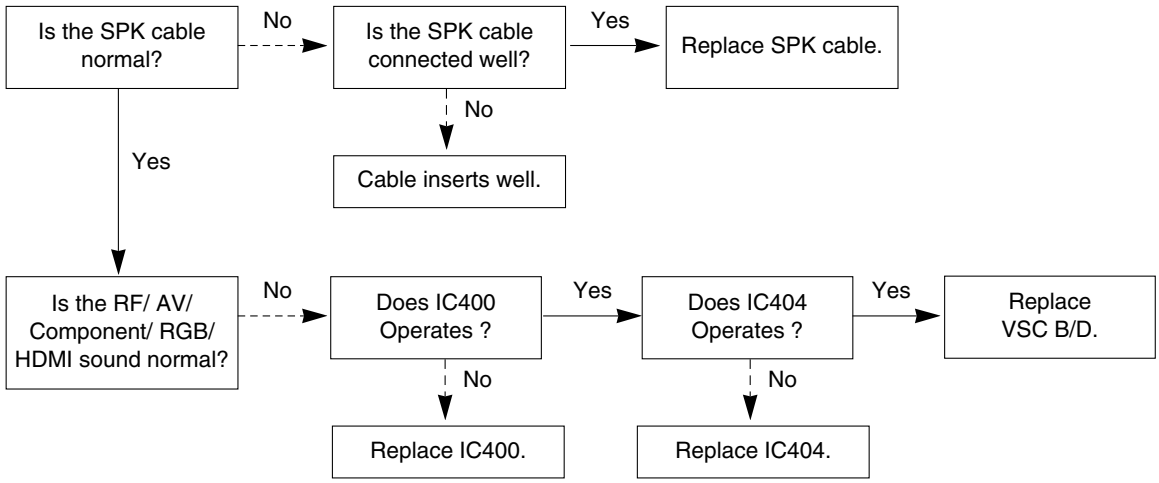
6. In case of no sound

(1) Symptom

1) LED is white.
2) Screen display but sound is not output.



(2) Check following

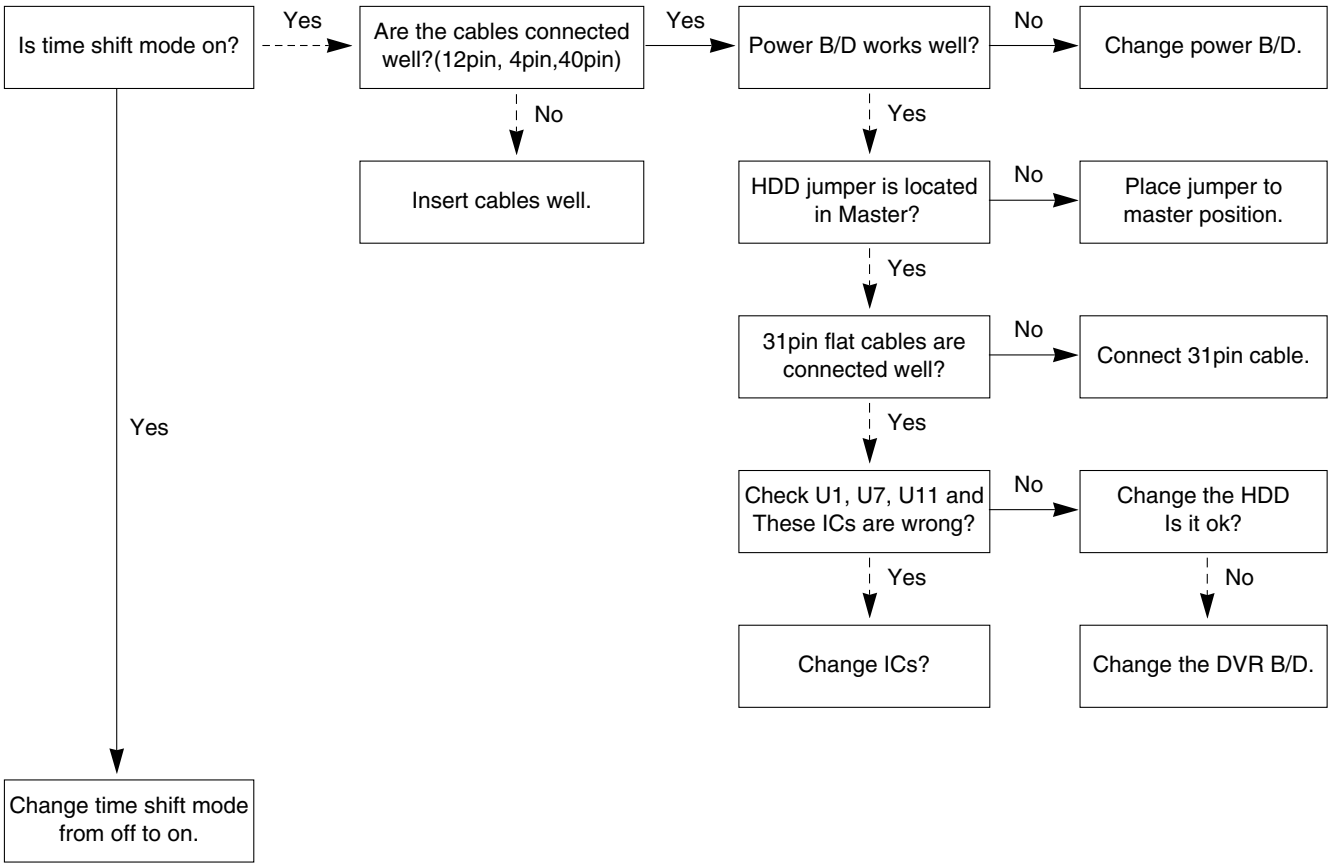


7. Time shift Mode (DVR BOARD)

(1) Symptom

1) Doesn't work time shift mode.
2) Can't enter to recorded list.
3) Can't record AV/RF.

(2) Check following

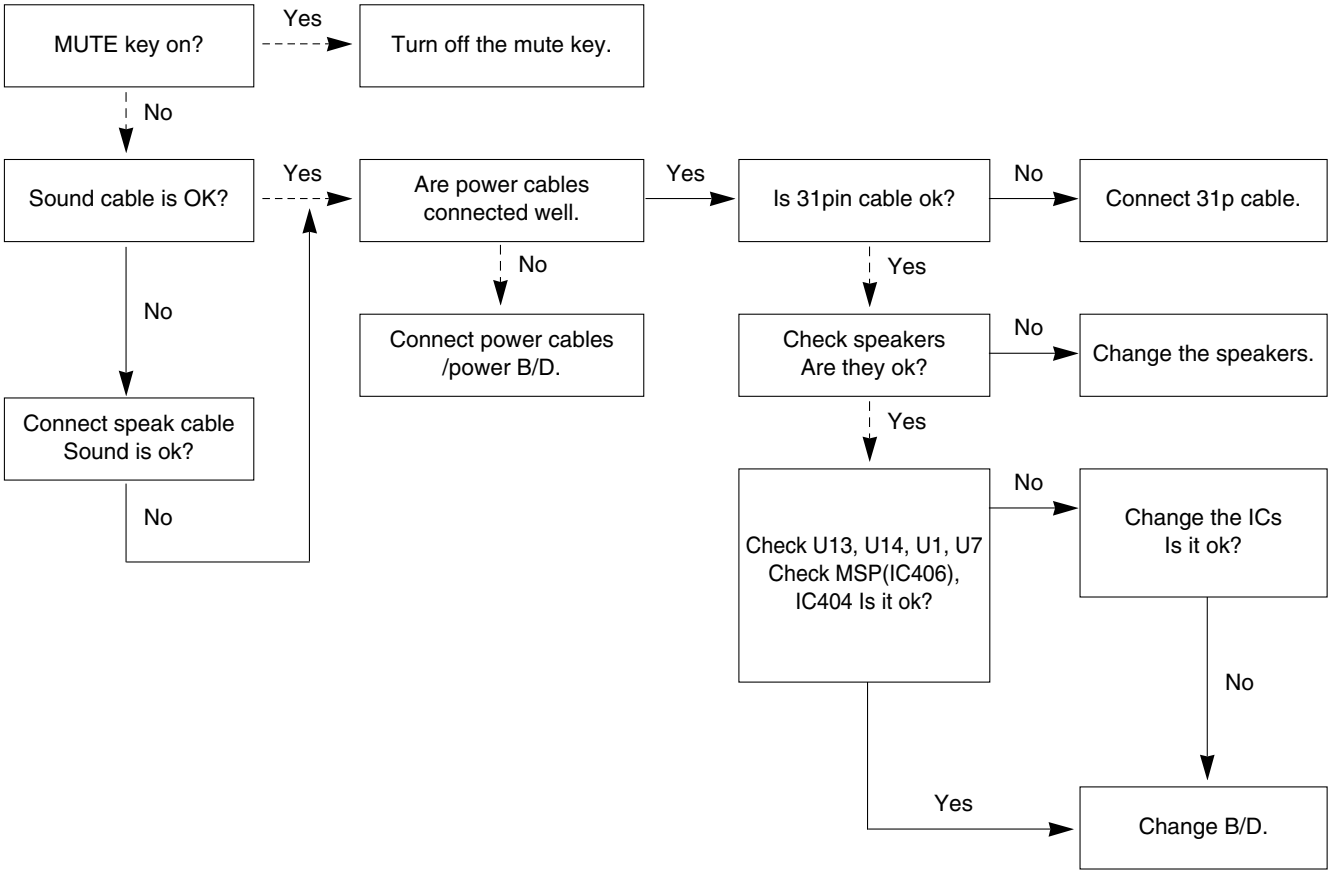


8. Time shift sound and Recorded video sound (DVR BOARD)

(1) Symptom

1) SOUND doesn't come out.

(2) Check following

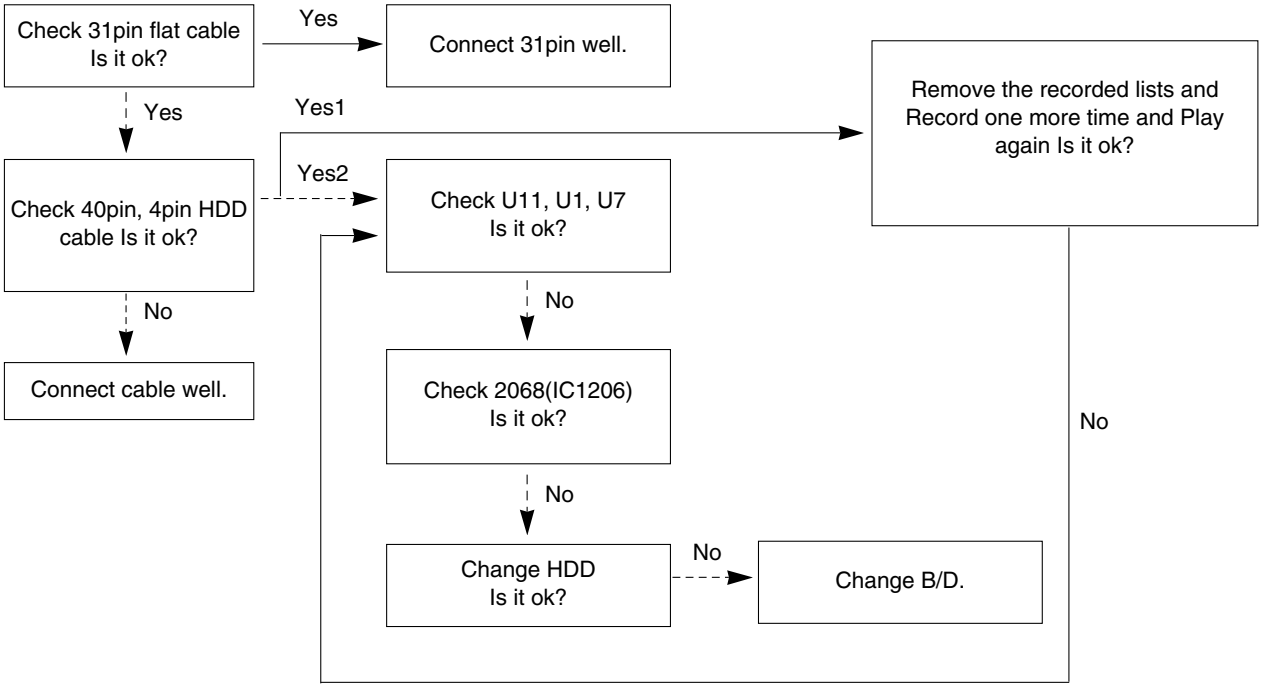


9. Recorded video (DVR BOARD)

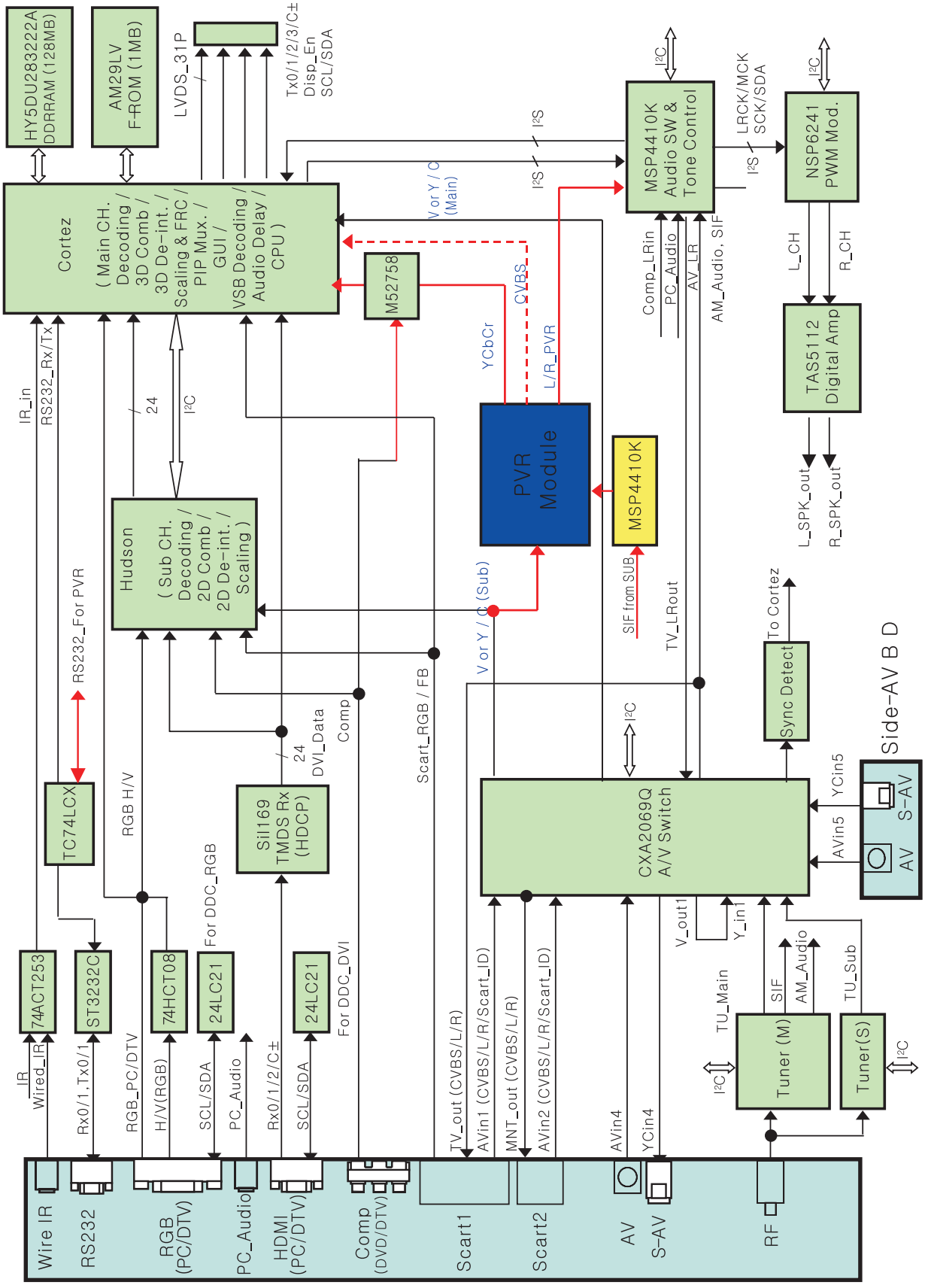
(1) Symptom

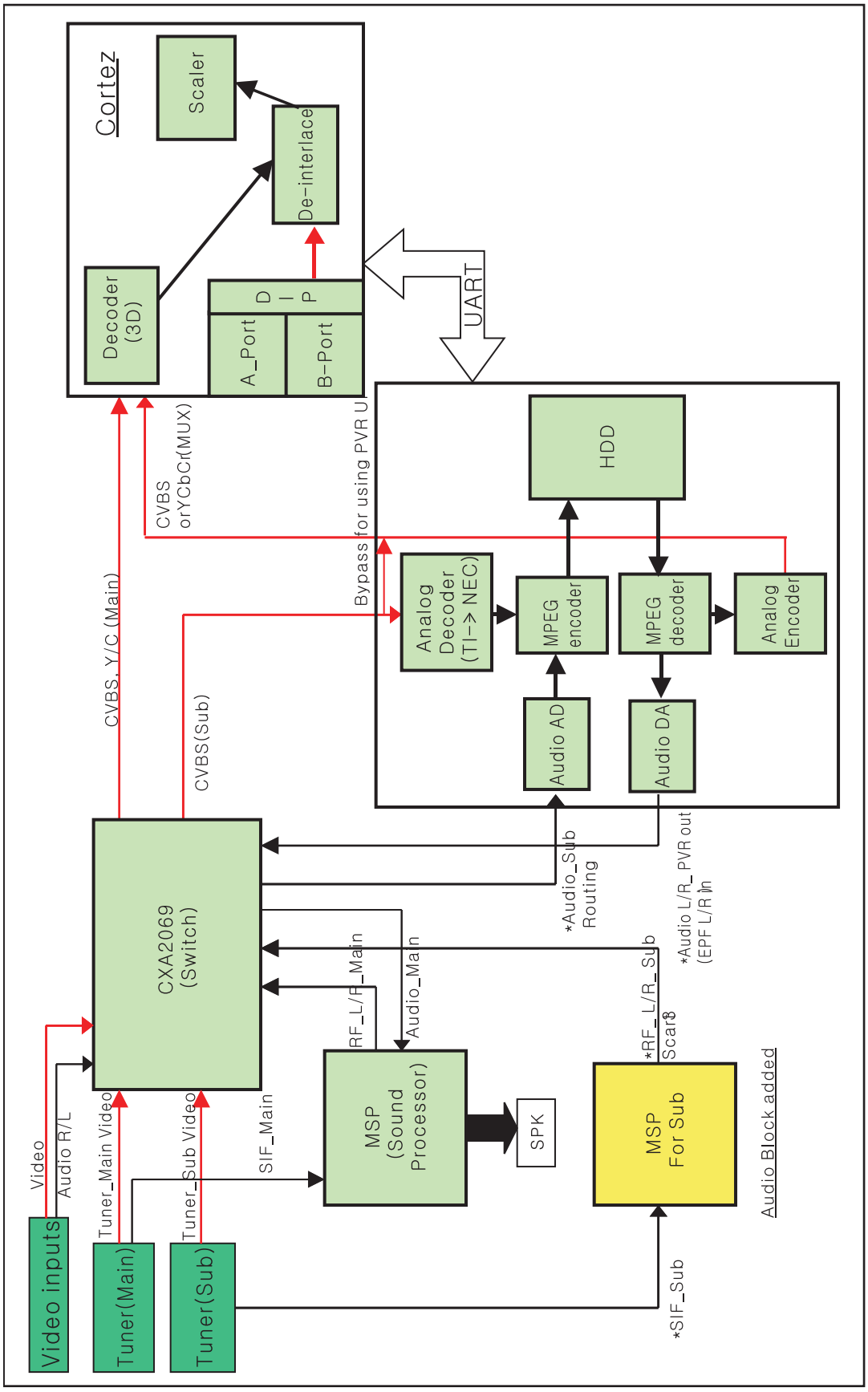
1) Can't play the recorded video.

(2) Check following

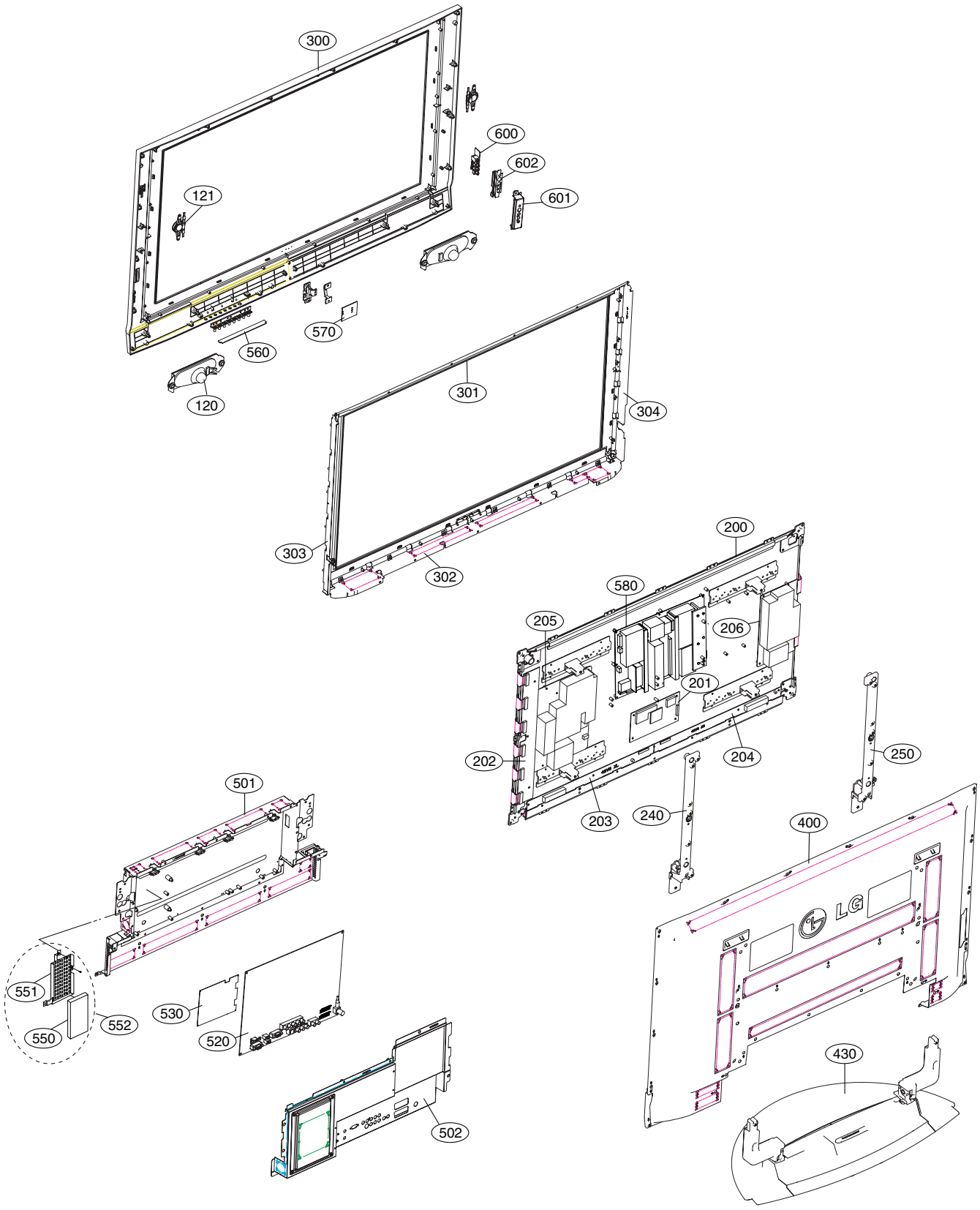


BLOCK DIAGRAM




Cortez
Scaler
De-interlace
Decoder (3D)
D I P
A_Port
B-Port
UART
HDD
Analog Decoder (TI-> NEC)
MPEG encoder
MPEG decoder
Analog Encoder
Audio AD
Audio DA
Bypass for using PVR U
CVBS orYCbCr(MUX)
CVBS, Y/C (Main)
CVBS(Sub)
CXA2069 (Switch)
*Audio_Sub Routing
*Audio L/R_ PVR out (EPF L/R in
RF_L/R_Main
Audio_Main
*RF_L/R_Sub Scart
MSP (Sound Processor)
SPK
MSP For Sub
Audio Block added
Video
Audio R/L
Tuner_Main Video
Tuner_Sub Video
SIF_Main
*SIF_Sub
Video inputs
Tuner(Main)
Tuner(Sub)

EXPLODED VIEW



EXPLODED VIEW PARTS LIST

The components identified by mark ⚠ is critical for safety.
Replace only with part number specified.

No.	Part No.	Descriptions
120	6400WMCX03A	Speaker, Woofer ND35 15W 8OHM 82DB 100HZ 193X57mM LUG
121	6400DTTX02B	Speaker, Tweeter EN15D-6659 TOPTONE TWEETER(DOME) 8OHM 15/20W 78DB OTHERS PC1 MODEL
⚠ 200	6348Q-E066H	PDP, Module-XGA PDP42X30201.AKLGG XGA 42INCH 1024X768 16/9 LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	6348Q-E128J	PDP,Module-XGA PDP42X30201.ADLGB XGA 42INCH 1024X768 16/9
⚠ 201	6871QCH077A	PCB Assembly, Display CTRL ASSY HAND INSERT 42HD 42X3 CTRL ASSY HAND
⚠ 202	6871QDH117A	PCB Assembly, Display YDRV ASSY HAND INSERT 42HD 42X3 YDRV HAND INSERT
⚠ 203	6871QLH059A	PCB Assembly, Display XRLT ASSY HAND INSERT 42HD 42X3 XRLT ASSY HAND
⚠ 204	6871QRH068A	PCB Assembly, Display XRRT ASSY HAND INSERT 42HD 42X3 XRRT ASSY
⚠ 205	6871QYH053B	PCB Assembly, Display YSUS ASSY HAND INSERT 42HD 42X3 VER.B
⚠ 206	6871QZH056B	PCB Assembly, Display ZSUS ASSY HAND INSERT 42HD 42X3 VER.B
240	4980900109A	Supporter, COMPLEX ASSY AL 42PC1R-TA, VERTICAL RIGHT LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	4980900109C	Supporter, ASSY AL 42PC1R-TA, VERTICAL RIGHT, C/SKD
250	4980900109B	Supporter, COMPLEX ASSY AL 42PC1R-TA, VERTICAL LEFT LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	4980900109D	Supporter, ASSY AL 42PC1R-TA, VERTICAL LEFT, C/SKD
⚠ 300	30919E0024B	Cover Assembly, 42PC1RR-ZL BRAND 30909E0008A 3211900003A(LG) LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	30919E0024W	Cover Assembly, 42PC1RR-ZL BRAND 30909E0008 3211900003A .C/SKD
301	4980900113A	Supporter, COMPLEX ASSY AL FILTER TOP 42PC1R-TA LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	4980900113B	Supporter, ASSY AL FILTER TOP 42PC1R-TA C/SKD
302	4980900114A	Supporter, COMPLEX ASSY AL FILTER BOTTOM 42PC1R-TA LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	4980900114B	Supporter, ASSY AL FILTER BOTTOM 42PC1R-TA C/SKD
303	4980900115A	Supporter, COMPLEX ASSY AL FILTER RIGHT 42PC1R-TA LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	4980900115B	Supporter, ASSY AL FILTER RIGHT 42PC1R-TA, C/SKD
304	4980900116A	Supporter, COMPLEX ASSY AL FILTER LEFT 42PC1-TA LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	4980900116B	Supporter, ASSY AL FILTER LEFT 42PC1-TA, C/SKD
⚠ 400	3809900103B	Cover Assembly, 42PC1D NON DIGITA LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	3809900103R	Cover Assembly, 42PC1 NON LGEMA ASSY ONLY (DIGITAL)
⚠ 430	3501900014A	Base Assembly, D/T SPK STAND AP-42DC11 MF056A FOLDING STAND LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	3501900014C	Base Assembly, AP-42DC11 MF056A D/T SPK STAND FOLDING STAND LGERS C/SKD
501	3301900095M	Plate Assembly, AV 42PC1RR-ZL LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	3301900095S	Plate Assembly, AV ANALOG PVR / CKD
502	3301900112B	Plate Assembly, ASSY ANALOG PVR COVER/42PC1RR-ZL LGEGF(U.A.E)/ISRAEL/LGEMC(MOSCOW)
	3301900112C	Plate Assembly, ASSY ANALOG PVR COVER/42PC1RR-ZL(C/SKD)
520	68719MMU56A	PCB Assembly, Main M.I MF056L MAIN1 42PC1RR-ZL AEULLHX ANALOG PVR
	68719MMX36A	PCB Assembly, Main M.I MF056L MAIN1 42PC1RR-ZL KETLLMP 42PC1RR-ZL.KETLLMP MAIN1 FOR CK
530	68719MMV03A	PCB Assembly, Main M.I MF056L MAIN2 42PC1RR-ZL AEULLHX ANALOG PVR
550	6744BSUN18A	HDD,3.5", ST380012ACE SEAGATE 80GB ULTRA ATA/66/100 INNER FOR 7200RPM
	6744BSUN18B	HDD,3.5 ST380012ACE SEAGATE 80GB ULTRA ATA/66/100 INNER FOR 7200RPM TONKA 2
551	4980900138C	Supporter, ASSY SECC(EGI) HDD 50PCIDRA PRESS
552	31419SNK34A	Chassis Assembly, MF056L SUB 42PC1RR-ZL HDD ASSY FOR SKD
	31419SNK40A	Chassis Assembly, MF056L SUB 42PC1RR-ZL HDD ASSY FOR SKD, SPAIN
	31419SNK73A	Chassis Assembly, MF056L SUB ANALOG DVR HDD FOR CKD
	31419SN971A	Chassis Assembly, SUB MF056L SUB 42PC1RR-ZL HDD ASSY LGEGF(U.A.E)/ H.Y.C(ISRAEL)/LGEMC(MOSCOW)
560	68719SMH44A	PCB Assembly,Sub SUB M.I PP62A 42PC1R AMLLKX CLRT
	68719SMM77A	PCB Assembly, Sub M.I MF056L SUB 42PC1RR-ZL KETLLMP ANALOG DVR PREAMP FOR CKD
570	68719SMM23A	PCB Assembly,Sub SUB M.I MF056L 42PC1RR-ZL AEULLHX ANALOG PVR PREAMP U.A.E / ISRAEL/MOSCOW
	68719SMM51A	PCB Assembly,Sub M.I MF056L SUB 42PC1RR-ZL SETLLJP DMS SKD PREAMP
	68719SMM52A	PCB Assembly, Sub M.I MF056L SUB 42PC1RR-ZL SETLLJP DMS SKD PREAMP SPAIN
	68719SMM75A	PCB Assembly, Sub SUB M.I MF056L 42PC1RR-ZL KETLLMP
⚠ 580	6709900019A	Power Supply Assembly, LGIT PDP UNIFICATION PSU PA61B 400W 42PB2D 42INCH
600	68719SMK12A	PCB Assembly,Sub M.I MF056L SUB 42PC1RR-ZL AUELLHX ANALOG PVR SIDE AV
	68719SMM32A	PCB Assembly, Sub SUB M.I MF056L 42PC1RR-ZL AUELLHX ANALOG DVR U.A.E / ISRAEL/MOSCOW
	68719SMM73A	PCB Assembly, Sub M.I MF056L SUB 42PC1RR-ZL KETLLMP ANALOG DVR
601	4811900021F	Bracket Assembly, 42PC1RR-ZL MF056L SIDE AV ANALOG-PVR, EU
	4811900021J	Bracket Assembly, 42PC1RR-ZL PA52D SIDE AV C/SKD
602	48149V0003A	Plate, PRESS SPTE T0.3 SIDE AV 42PC1R

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
IC		
IC100	0IMCRMI006B	M52758FP 4.75TO5.5V - - 1068MW SOP
IC1000	0IPRPML001A	MIC39100-2.5WS MICREL 3P SOT223
IC1001	0IMCRRH001A	BA033FP-E2 4.3TO25V 3.3V 1W TO252
IC1002	0IMCRFA010A	KA7809R 11.5TO24V 9V 150W DPA
IC1003	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V
IC1004	0IMCRRH001A	BA033FP-E2 4.3TO25V 3.3V 1W TO252
IC1005	0IMCRRH001A	BA033FP-E2 4.3TO25V 3.3V 1W TO252
IC1100	0IMCRRH001A	BA033FP-E2 4.3TO25V 3.3V 1W TO252
IC1101	0IPRPML001A	MIC39100-2.5WS MICREL 3P SOT223
IC1102	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V
IC1103	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK
IC1104	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V
IC1105	0IPRPML001A	MIC39100-2.5WS MICREL 3P SOT223
IC1200	0IPRPS5005A	SII9011CLU - - LQFP TR 128P
IC1201	0IMMR00018A	24LC02BT-I/SNG 2KBIT 256X8BIT
IC1206	0ISO206900A	CXA2069Q 8.5TO9.5V - - 1300MW
IC202	0IPMGON013B	MC34063ADR2G 3TO40V 40V 625MW
IC301	0ISA721700C	LA7217M 4.5TO5.5 16.1KHZ 150MW
IC302	0ISO206900A	CXA2069Q 8.5TO9.5V - - 1300MW
IC400	0IMCRMN028B	MSP4410K 3.1TO3.5V_4.75TO5.25V_7.6TO8.7V
IC404	0ILNR00261A	STA323AW 10TO36V - 10% - - - 3 POWERSO
IC406	0IMCRMN028B	MSP4410K 3.1TO3.5V_4.75TO5.25V_7.6TO8.7V
IC500	0IMMR00018A	24LC02BT-I/SNG 2KBIT 256X8BIT
IC502	0IPH741400E	74HC14D 2TO6V 0.002mA SCHMITT TRIGGER
IC600	0IPRP00009A	ICL3232CBNZ 3VTO5500MV - SSOP
IC604	0ITO741570C	TC74LCX157FT 2TO3.6V 0.01mA MULTIPLEXER
IC700	0IMCR02006A	FLI8125AA-LF 3.15TO3.15,1.8TO1.8
IC701	0IMMRAL025A	AT24C32AN-10SI-2.7 32KBIT 4096X8BIT
IC703	0IMMR00004C	SST25VF040-20-4C-S2AE,LF 4MBIT
IC800	0IMCR02005A	FLI8532BC-LF 3.3V_2.5V_1.8V 257mA
IC805	0IMP242560A	24LC256-I/SM 256KBIT 32KX8BIT
IC901	0IMMRHY052C	HY5DU281622ETP-5 128MBIT
IC902	0IMMRHY052C	HY5DU281622ETP-5 128MBIT
U1	0IPRP00725A	CS92689-CBZ MAGNUM 272P,BGA TRAY
U10	0IMMRMR027E	MX29LV320CTTC-70G 32MBIT
U11	0IPRPNE011B	UPD64015AGM-UEU-A,LF 3.0TO3.6,1.35TO1.65
U12	0IMMR00080A	HY57V161610ETP-6 16MBIT 512KX16BITX2BANKS
U13	0IPRPCI013A	CS5340-CZZR 1.7TO5.25V 3.1TO5.25V
U14	0IPRPCI016A	CS4344-CZZR 4.75TO5.25V 3TO3.47V
U15	0IPMGRH001B	BA05FP 6TO25V 5V 1W TO252 R/TP 3P
U16	0IMCRRH001A	BA033FP-E2 4.3TO25V 3.3V 1W TO252
U16	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V - TO263
U17	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V - TO263
U17	0IPMGRH001D	BA15BC0FP-E2 3TO16V 1.5V 1200MW TO252
U18	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V - TO263
U19	0IKE702700D	KIA7027AF -0.3TO15V 2.7V 500MW SOT89
U2	0ISTLPH026A	74LVC14APW 1.2TO3.6V 0.01mA SCHMITT
U3	0IMMR00080A	HY57V161610ETP-6 16MBIT
U4	0IMMR00080A	HY57V161610ETP-6 16MBIT
U5	0IMMR00080A	HY57V161610ETP-6 16MBIT
U6	0IMMR00080A	HY57V161610ETP-6 16MBIT

LOCA. NO	PART NO	DESCRIPTION
U7	0IPRP00726A	CS98301-CMZ 3.3TO3.3 27MHZ
U8	0IMMRHY001L	HY57V641620ETP-H 64MBIT
U9	0IMMRHY001L	HY57V641620ETP-H 64MBIT
TRANSISTOR & FET		
IC1202	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC1203	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC200	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC201	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC503	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC504	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
Q1206	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
Q1207	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
Q100	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q1000	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q1001	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q1002	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q1003	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q1004	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q1005	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q101	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q101	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q102	0TR102009AM	KRA102S PNP -30V - -50V -0.1A
Q102	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q103	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q103	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q104	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q105	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q106	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q107	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q108	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q1200	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q1204	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q1205	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q1208	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q1209	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q2	0TRDI80002A	MMBT3904 NPN 6V 60V 40V 200MA 50NA
Q200	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q201	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q202	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q203	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q204	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q205	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q206	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q207	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q208	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q209	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q210	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q214	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q300	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q301	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q302	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q303	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

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RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
Q304	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q305	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q306	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q307	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q400	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q401	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q402	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q403	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q404	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q405	0TR102009AM	KRA102S PNP -30V - -50V -0.1A
Q406	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q407	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q408	0TR102009AM	KRA102S PNP -30V - -50V -0.1A
Q409	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q410	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q411	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q412	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q413	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q700	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q701	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
Q702	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA
DIODE		
D1	0DSRM00148A	1SS355 1200MV 90V 225MA 500MA
D1005	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1006	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1007	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1008	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1009	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1010	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1012	0DD200009AF	RU2M 400V 1200MV 10UA 20A 400NSEC
D1013	0DD200009AF	RU2M 400V 1200MV 10UA 20A 400NSEC
D102	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D103	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D104	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D105	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D106	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1100	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1105	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1106	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1107	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1109	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1110	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D112	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D113	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D114	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1200	0DD184009AA	KDS184 1200MV 85V 300MA 2A 4NSEC
D200	0DS113379BA	1SS133 1200MV 90V 400MA 600MA
D300	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D500	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D501	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D502	0DD226239AA	KDS226 1200MV 85V 300MA 2A 4NSEC

LOCA. NO	PART NO	DESCRIPTION
D504	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
D505	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
D506	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD300	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD301	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD400	0DZRM00248A	RLZ8.2B 8200MV 7.78TO8.19V 8OHM
ZD401	0DZRM00248A	RLZ8.2B 8200MV 7.78TO8.19V 8OHM
ZD600	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
CAPACITOR		
BC1	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC10	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC100	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC101	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC102	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC103	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC104	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC105	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC106	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC107	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC108	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC109	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC11	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC110	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC111	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC112	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC113	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC114	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC115	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC116	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC117	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC118	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC119	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC12	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC120	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC121	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC122	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC123	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC124	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC125	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC126	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC127	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC128	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC129	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC13	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC130	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC131	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC132	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC133	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC134	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC135	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC136	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R

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LOCA. NO	PART NO	DESCRIPTION
BC137	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC138	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC139	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC14	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC140	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC141	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC142	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC15	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC16	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC17	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC18	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC19	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC2	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC20	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC21	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC22	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC23	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC24	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC25	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC26	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC27	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC28	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC29	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC3	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC30	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC31	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC32	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC33	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC34	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC35	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC36	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC37	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC38	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC39	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC4	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC40	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC41	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC42	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC43	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC44	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC45	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC46	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC47	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC48	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC49	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC5	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC50	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC51	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC52	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC53	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC54	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC55	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
BC56	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC57	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC58	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC59	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC6	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC60	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC61	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC62	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC63	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC64	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC65	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC66	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC67	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC68	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC69	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC7	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC70	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC71	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC72	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC73	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC74	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC75	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC76	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC77	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC78	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC79	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC8	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC80	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC81	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC82	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC83	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC84	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC85	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC86	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC87	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC88	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC89	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC9	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC90	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC91	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC92	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC93	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC94	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC95	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC96	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC97	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC98	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
BC99	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C10	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1000	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1001	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R

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LOCA. NO	PART NO	DESCRIPTION
C1002	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C1003	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C1004	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1005	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1006	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1007	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1008	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1009	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C101	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C101	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C1010	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1011	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1012	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1013	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1014	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1015	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1016	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1017	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1018	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1019	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C102	0CC330CK41A	C1608C0G1H330JT 33p 5% 50V C0G
C1023	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1024	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1025	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1026	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1029	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C103	0CE4763F618	ESF476M016T1A5E05G 47u 20% 16V 60MA
C103	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C1030	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1035	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C104	0CE4763F618	ESF476M016T1A5E05G 47u 20% 16V 60MA
C104	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C1040	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1043	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1044	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1045	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1046	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1047	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1048	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1049	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C105	0CE4763F618	ESF476M016T1A5E05G 47u 20% 16V 60MA
C105	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C1050	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1051	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1052	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1053	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1054	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1055	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1056	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1057	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1058	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1059	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P

LOCA. NO	PART NO	DESCRIPTION
C106	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C1060	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1061	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1062	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1063	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1064	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1065	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1065	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1066	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1066	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1067	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1067	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1068	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1068	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1069	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1069	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C107	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C1070	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1071	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1072	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1073	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1074	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1075	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1076	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1077	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1078	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1079	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C108	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C1080	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1081	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1082	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1082	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1083	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1083	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1084	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1084	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1085	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1085	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1086	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1087	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1088	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1089	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C109	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1090	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1091	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1092	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1093	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1094	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1095	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1096	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1097	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1098	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C1098	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1099	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1099	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C11	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C110	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1100	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1101	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1104	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1105	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1106	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1107	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1108	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1109	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C111	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1110	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1111	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1112	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1113	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1114	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1115	0CE4772J618	KMF5.0TP35VB470M 470u 20% 35V 635MA
C1116	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1117	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C1118	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1119	0CE4772J618	KMF5.0TP35VB470M 470u 20% 35V 635MA
C112	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1120	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C1121	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1122	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1123	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1124	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1125	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1126	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1127	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1128	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1129	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C113	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1130	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1131	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1132	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1133	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1134	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1135	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1136	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1137	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1138	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1139	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C114	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1140	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1141	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1142	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1143	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1144	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P

LOCA. NO	PART NO	DESCRIPTION
C1145	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1146	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1147	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1148	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1149	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C115	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1150	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1151	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1153	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1154	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1155	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1157	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1159	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1159	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C116	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1161	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1162	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1163	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1164	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1165	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1166	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1167	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1168	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1169	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C117	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C1170	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1171	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1172	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1173	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1174	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1175	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1176	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1177	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1178	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1179	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C118	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1180	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1181	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1182	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1183	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1184	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1185	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1186	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1187	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1188	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1189	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C119	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1190	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1191	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1192	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1193	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1194	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C1195	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1197	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1198	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1199	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C12	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C120	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1200	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1201	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1202	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1203	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1204	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1205	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C1206	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1207	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1208	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1209	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C121	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1210	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1211	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1212	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1213	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1214	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1215	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1216	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1217	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1218	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1219	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C122	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1220	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1221	0CC180CK41A	C1608C0G1H180JT 18p 5% 50V C0G
C1222	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1223	0CC180CK41A	C1608C0G1H180JT 18p 5% 50V C0G
C1224	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1225	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1226	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1227	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1228	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1229	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C123	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1230	0CK105CF94A	0603F105Z160CT 1u -20TO+80% 16V
C1231	0CK105CF94A	0603F105Z160CT 1u -20TO+80% 16V
C1232	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1233	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1234	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1235	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1236	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1237	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1238	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1239	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C124	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1240	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1241	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C1242	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1243	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1244	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1245	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1246	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1247	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C125	0CE476XFKDC	MVK6.3TP16VCBP47M 47u 20% 16V 48MA
C1253	0CC120CK41A	C1608C0G1H120JT 12p 5% 50V C0G
C1254	0CC120CK41A	C1608C0G1H120JT 12p 5% 50V C0G
C129	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C130	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C131	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C132	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C133	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C134	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C135	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C136	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C137	0CE476XFKDC	MVK6.3TP16VCBP47M 47u 20% 16V 48MA
C138	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C140	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1404	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1412	0CK682CK51A	C1608Y5P1H682KT 6.8n 10% 50V Y5P
C1413	0CK682CK51A	C1608Y5P1H682KT 6.8n 10% 50V Y5P
C1414	0CE475SK6DC	VMV475M050S0ANB010 4.7u 20% 50V
C1415	0CE475SK6DC	VMV475M050S0ANB010 4.7u 20% 50V
C1431	0CK471CK56A	C1608X7R1H471KT 470p 10% 50V X7R
C1432	0CK471CK56A	C1608X7R1H471KT 470p 10% 50V X7R
C144	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1442	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C1443	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C1444	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C1445	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C1446	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C1447	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C1448	0CK474EK66A	C3216X7R1H474MT 470n 20% 50V X7R
C1449	0CK474EK66A	C3216X7R1H474MT 470n 20% 50V X7R
C145	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1450	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1451	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1452	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1453	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1454	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1455	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1456	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1457	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1458	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C1459	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1460	0CK105CD56A	C1608X7R1A105KT 1u 10% 10V X7R
C1461	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1462	0CK105CD56A	C1608X7R1A105KT 1u 10% 10V X7R
C1463	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1464	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C1465	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1466	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C1467	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1468	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1469	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1470	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C1472	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1473	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C1475	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C1476	0CC560CK41A	C1608C0G1H560JT 56p 5% 50V C0G
C1477	0CC560CK41A	C1608C0G1H560JT 56p 5% 50V C0G
C1480	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1481	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1482	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C151	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C152	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C153	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C154	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C155	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C156	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C16	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C1600	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1601	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1601	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1602	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1603	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1603	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1604	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1605	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1606	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1607	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1608	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C161	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C162	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C165	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C166	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C171	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C173	0CC050CK11A	C1608C0G1H050DT 5p 0.5PF 50V C0G
C174	0CE476XFKDC	MVK6.3TP16VCBP47M 47u 20% 16V 48MA
C175	0CE476XFKDC	MVK6.3TP16VCBP47M 47u 20% 16V 48MA
C176	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C177	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C180	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1800	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1803	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1804	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1805	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1806	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1807	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1808	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C181	0CE476XFKDC	MVK6.3TP16VCBP47M 47u 20% 16V 48MA
C182	0CE476XFKDC	MVK6.3TP16VCBP47M 47u 20% 16V 48MA

LOCA. NO	PART NO	DESCRIPTION
C1824	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1831	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1833	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1835	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1860	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1900	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1901	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1901	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1902	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1903	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1904	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1905	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1906	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1907	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1908	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1908	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1909	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1909	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1910	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1916	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1917	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1919	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1920	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1923	0CE337WJ6D8	MVK12.5TP35VC330M 330u 20% 35V 480MA
C1924	0CE337WJ6D8	MVK12.5TP35VC330M 330u 20% 35V 480MA
C1925	0CE337WJ6D8	MVK12.5TP35VC330M 330u 20% 35V 480MA
C1927	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1928	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1929	0CK105CD56A	C1608X7R1A105KT 1u 10% 10V X7R
C2	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C200	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C201	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C202	0CK273CK56A	0603B273K500CT 27n 10% 50V X7R
C203	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C204	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C206	0CC270CK41A	C1608C0G1H270JT 27p 5% 50V C0G
C207	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C208	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C210	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C211	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C212	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C213	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C214	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
C215	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C216	0CC270CK41A	C1608C0G1H270JT 27p 5% 50V C0G
C217	0CC270CK41A	C1608C0G1H270JT 27p 5% 50V C0G
C218	0CC270CK41A	C1608C0G1H270JT 27p 5% 50V C0G
C219	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C220	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C221	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C222	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C223	0CK272CK46A	0603B272J500CT 2.7n 5% 50V X7R

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C224	0CK273CK56A	0603B273K500CT 27n 10% 50V X7R
C225	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C227	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C228	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C229	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C230	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C231	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C232	0CK272CK46A	0603B272J500CT 2.7n 5% 50V X7R
C233	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C234	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C238	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C239	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C240	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C241	0CE476WK6DC	MVK8.0TP50VC47M 47u 20% 50V 170MA
C242	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C243	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C244	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C245	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C246	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C25	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C27	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C29	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C3	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C300	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C301	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C302	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C303	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C304	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C305	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C306	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C307	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C308	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C309	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C31	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C310	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C311	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C312	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C313	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C314	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C315	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V Y5V
C316	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C317	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C318	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V Y5V
C319	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V Y5V
C32	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C320	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V Y5V
C321	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V Y5V
C322	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C323	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C324	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C325	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V Y5V
C326	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V

LOCA. NO	PART NO	DESCRIPTION
C327	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C328	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V Y5V
C329	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C33	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C330	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V Y5V
C331	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C332	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C333	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C334	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C335	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C337	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C338	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V Y5V
C339	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C34	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C340	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C341	0CK222CK56A	0603B222K500CT 2.2n 10% 50V X7R
C342	0CE105SK6DC	VMV105M050S0ANB010 1u 20% 50V
C342	0CE105WK6DC	MVK4.0TP50VC1M 1u 20% 50V 5.6MA
C344	0CK223CK56A	UMK107JB223KA-T 22n 10% 50V X7R
C345	0CK821CK56A	C1608X7R1H821KT 820p 10% 50V X7R
C346	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C347	0CE105SK6DC	VMV105M050S0ANB010 1u 20% 50V
C348	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C349	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C35	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C350	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V Y5V
C350	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C36	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C37	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C38	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C39	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C4	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C40	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C400	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C401	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C402	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C403	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C403	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C406	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C407	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C408	0CC560CK41A	C1608C0G1H560JT 56p 5% 50V C0G
C409	0CC560CK41A	C1608C0G1H560JT 56p 5% 50V C0G
C41	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C410	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C411	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C412	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C413	0CE335SK6DC	VMV335M050S0ANB010 3.3u 20% 50V
C413	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3u 20% 50V 14MA
C417	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C419	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C42	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C420	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C421	0CC560CK41A	C1608C0G1H560JT 56p 5% 50V C0G
C422	0CC560CK41A	C1608C0G1H560JT 56p 5% 50V C0G
C423	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C425	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C426	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C428	0CE335SK6DC	VMV335M050S0ANB010 3.3u 20% 50V
C429	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C43	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C430	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C431	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C433	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C434	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C435	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C437	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C438	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C44	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C441	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C442	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C45	0CC180CK41A	C1608C0G1H180JT 18p 5% 50V C0G
C453	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C454	0CK471CK56A	C1608X7R1H471KT 470p 10% 50V X7R
C457	0CE335SK6DC	VMV335M050S0ANB010 3.3u 20% 50V
C457	0CE335WK6D8	MVK4.0TP50VC3.3M 3.3u 20% 50V 14MA
C459	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C46	0CC180CK41A	C1608C0G1H180JT 18p 5% 50V C0G
C461	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C462	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C463	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C463	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C464	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C464	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C465	0CE335SK6DC	VMV335M050S0ANB010 3.3u 20% 50V
C466	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C467	0CK682CK51A	C1608Y5P1H682KT 6.8n 10% 50V Y5P
C468	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C469	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C469	0CE106WH6DC	MVK5.0TP25VC10M 10u 20% 25V 25MA
C47	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C470	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C471	0CK682CK51A	C1608Y5P1H682KT 6.8n 10% 50V Y5P
C472	0CK682CK51A	C1608Y5P1H682KT 6.8n 10% 50V Y5P
C473	0CK682CK51A	C1608Y5P1H682KT 6.8n 10% 50V Y5P
C474	0CE475SK6DC	VMV475M050S0ANB010 4.7u 20% 50V
C475	0CE475SK6DC	VMV475M050S0ANB010 4.7u 20% 50V
C476	0CK471CK56A	C1608X7R1H471KT 470p 10% 50V X7R
C477	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C478	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C479	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C48	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C480	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C481	0CE475SK6DC	VMV475M050S0ANB010 4.7u 20% 50V
C481	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA

LOCA. NO	PART NO	DESCRIPTION
C482	0CE475SK6DC	VMV475M050S0ANB010 4.7u 20% 50V
C482	0CE475WK6DC	MVK5.0TP50VC4.7M 4.7u 20% 50V 19MA
C49	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C496	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C497	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C498	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C5	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C50	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C502	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C503	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C51	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C516	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C517	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C52	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C524	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C527	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C53	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C54	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C540	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C55	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C56	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C57	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C58	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C59	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C6	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C60	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C601	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C602	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C603	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C605	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C607	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C609	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C61	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C610	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C62	0CC471CK41A	C1608C0G1H471JT 470p 5% 50V C0G
C622	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C622	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C623	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C624	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C625	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C626	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C63	0CC471CK41A	C1608C0G1H471JT 470p 5% 50V C0G
C64	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C65	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C66	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C67	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C68	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C69	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C7	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C70	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C700	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C701	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C703	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C704	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C705	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C706	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C707	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C708	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C709	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C71	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C710	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C711	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C713	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C714	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C715	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C717	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C721	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C723	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C724	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C725	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C727	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C728	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C729	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C730	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C731	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C732	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C733	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C734	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C735	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C735	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C736	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C737	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C738	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C739	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C740	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C741	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C742	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C743	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C744	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C745	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C746	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C747	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C748	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C749	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C750	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C751	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C752	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C753	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C754	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C755	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C756	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C757	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C758	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C759	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C760	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C761	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C762	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C763	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C764	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C764	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C765	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C766	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C767	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C768	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C769	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C770	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C771	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C772	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C8	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C800	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C802	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C803	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C805	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C807	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C808	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C810	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C811	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C812	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C813	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C814	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C815	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C816	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C817	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C818	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C819	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C820	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C821	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C822	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C823	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C824	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C825	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C826	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C830	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C831	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C832	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C833	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C833	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C834	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C835	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C836	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C837	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C837	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C838	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C839	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C840	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C841	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R

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LOCA. NO	PART NO	DESCRIPTION
C842	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C843	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C844	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C845	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C846	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C847	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C848	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C849	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C850	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C851	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C851	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C852	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C853	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C854	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C855	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C856	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C857	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C858	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C859	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C860	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C861	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C862	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C863	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C864	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C865	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C866	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C867	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C868	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C869	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C870	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C871	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C872	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C873	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C874	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C875	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C876	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C877	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C878	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C879	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C880	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C881	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C882	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C883	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C884	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C885	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C886	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C887	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C888	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C889	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C890	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C891	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C892	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C893	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C894	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C895	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C896	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C896	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C897	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C898	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C899	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C9	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C901	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C902	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C903	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C904	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C904	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C905	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C905	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C906	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C907	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C908	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C909	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C910	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C911	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C912	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C913	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C914	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C915	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C916	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C917	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C918	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C919	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C920	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C921	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C922	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C923	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C924	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C925	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C926	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C927	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C928	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C929	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C930	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C930	0CE226WF6DC	MVK5.0TP16VC22M 22u 20% 16V 30MA
C931	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C932	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C933	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C934	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C935	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C936	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C937	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C938	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C939	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C940	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C941	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C942	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C949	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C950	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C951	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C990	0CC030CK01A	0603N3R0C500LT 3p 0.25PF 50V C0G
C991	0CC030CK01A	0603N3R0C500LT 3p 0.25PF 50V C0G
CE1	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE10	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE11	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE12	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE13	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE14	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE15	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
CE16	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
CE17	0CE105WK6DC	MVK4.0TP50VC1M 1u 20% 50V 5.6MA
CE18	0CE105WK6DC	MVK4.0TP50VC1M 1u 20% 50V 5.6MA
CE19	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
CE2	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
CE20	0CE105WK6DC	MVK4.0TP50VC1M 1u 20% 50V 5.6MA
CE21	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
CE22	0CE105WK6DC	MVK4.0TP50VC1M 1u 20% 50V 5.6MA
CE23	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
CE24	0CE105WK6DC	MVK4.0TP50VC1M 1u 20% 50V 5.6MA
CE25	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
CE26	0CE105WK6DC	MVK4.0TP50VC1M 1u 20% 50V 5.6MA
CE27	0CE106WFKDC	MVK4.0TP16VC10M 10u 20% 16V 16MA
CE28	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
CE29	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
CE3	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE30	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
CE31	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE32	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
CE33	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
CE34	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
CE35	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
CE36	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
CE37	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE38	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
CE39	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
CE4	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE40	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
CE41	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE42	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
CE43	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE45	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
CE5	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE6	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE7	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE8	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
CE9	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
Q211	0CK272CK46A	0603B272J500CT 2.7n 5% 50V X7R
Q213	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G

COIL & INDUCTOR

LOCA. NO	PART NO	DESCRIPTION
L1000	6140VB0004B	Coil,ChokeLN-15A1 26uH -12X9MM LEAD
L1101	6140VB0004B	Coil,ChokeLN-15A1 26uH -12X9MM LEAD
L1102	6140VB0004B	Coil,ChokeLN-15A1 26uH -12X9MM LEAD
L1103	6140VB0004B	Coil,ChokeLN-15A1 26uH -12X9MM LEAD
L1104	6140VB0004B	Coil,ChokeLN-15A1 26uH -12X9MM LEAD
L1124	6140VB0004B	Coil,ChokeLN-15A1 26uH -12X9MM LEAD
L402	6140VB0022A	Coil,ChokeDN-42LZ30 22.8uH - 18X20MM LEAD
L404	6140VB0022A	Coil,ChokeDN-42LZ30 22.8uH - 18X20MM LEAD
L405	6140VB0022A	Coil,ChokeDN-42LZ30 22.8uH - 18X20MM LEAD
L406	6140VB0022A	Coil,ChokeDN-42LZ30 22.8uH - 18X20MM LEAD
L7	6140VB0004B	Coil,ChokeLN-15A1 26uH -12X9MM LEAD
L8	6140VB0004B	Coil,ChokeLN-15A1 26uH -12X9MM LEAD
L9	6140VB0004B	Coil,ChokeLN-15A1 26uH -12X9MM LEAD
L101	0LC1032101A	Inductor, FI-C3216-103KJT 10UH 10% - 50MA
L102	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L103	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L104	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L105	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L106	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L107	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L108	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L109	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L117	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L118	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L127	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L128	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L129	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L205	0LC6461201A	Inductor, D75C-646CY-121M=P3 120UH 20%
L206	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L207	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L303	0LCML00020C	Inductor, MLI-201212-100K 10UH 10% - 15MA
L411	0LCML00020C	Inductor, MLI-201212-100K 10UH 10% - 15MA
L412	0LCML00020C	Inductor, MLI-201212-100K 10UH 10% - 15MA

CONNECTOR & HARNESS

C1	6631900012C	Harness,SingleSMH250 SMH250 200mM 2.50MM
C2	6631900027C	Harness,Single SMH250 SMH250 200mM 2.50MM
C3	6631900048C	Harness,SingleSMH200 SMH200 250mM 2.00MM
C4	6631900065C	Harness,SingleSMH250 SMH250 350mM 2.50MM
C5	6631900097A	Harness,SingleSMH250 110T/205T 350_500mM 2.50MM
C6	6631900098A	Harness,SingleSMH250 110T/205T 350_500mM 2.50MM
C7	6631900099C	Harness,SingleSMH250 SMP250 400mM 2.50MM
C8	6631900101B	Harness,SingleSMH200 SMP250 600mM 2/2.5MM
C9	6631900104C	Harness,SingleSMH200 SMH250 300mM 2/2.5MM
C10	6631900105C	Harness,SingleSMH200 SMP250 700mM 2.5/2.0MM
C11	6631900106A	Harness,SingleSMH200 SMH250 300mM 2.5/2.0MM
C12	6631900119A	Harness,Single(AMP)770827-1 YH396 150mM 3.96MM
C13	6631T39004D	Harness,Single 1-1123722-9 1-1123722-9 220mM
C14	6631V39013N	Harness,Single1-1123722-8 1-1123722-8 900mM

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
CN1	6630B00159A	Conector,BtoBSPG-SH2S-0601-01 40P 2.54MM
CN2	6630VZS0110	Conector,BtoBYFDW254-10 10P 2.54MM
CN3	6630B00169A	Conector,BtoBFCS243-60G02 60P 1.27MM
CN8	6630VE00731	Conector,FFC/FPC/PIC10022HS-31A02 31P 1.00MM
CN9	6630VE00731	Conector,FFC/FPC/PIC10022HS-31A02 31P 1.00MM
JK500	6630G70016A	Conector,DSUBA03-7071-094 D-SUB 15P 2.29MM
JK601	6630G70017A	Conector,DSUBA02-0915-101 D-SUB 9P 2.54MM
P500	6630VE00731	Conector,FFC/FPC/PIC10022HS-31A02 31P 1.00MM
P501	6630VE00731	Conector,FFC/FPC/PIC10022HS-31A02 31P 1.00MM
RESISTOR		
AR700	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
AR701	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
AR702	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
AR703	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
AR704	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
AR705	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
AR806	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR807	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR808	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR809	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR810	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR811	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR812	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR813	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR814	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR815	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR816	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
AR817	0RJ0512C687	RCA86TRJ51R0 51OHM 5%
PA101	6712000011B	KSM-2013TE2A 4.5TO5.5V
R230	0RD0331H609	RD-92T1J3R30 3300MOHM
RN1	0RR1002Q62A	RCA86TRJ10K0 10KOHM 5%
RN10	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
RN11	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
RN12	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
RN13	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
RN14	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
RN2	0RR1002Q62A	RCA86TRJ10K0 10KOHM 5%
RN3	0RR1002Q62A	RCA86TRJ10K0 10KOHM 5%
RN4	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
RN5	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
RN6	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
RN7	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
RN8	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
RN9	0RJ0222C687	RCA86TRJ22R0 22OHM 5%
LED		
D1003	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V
D1103	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V
D1111	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V
D1112	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V
D1113	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V

LOCA. NO	PART NO	DESCRIPTION
LD101	0DLAU0410AA	SAW5670 ROUND 5mM AMBER/WHITE
SWITCH		
SW101	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW102	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW103	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW104	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW105	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW106	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW107	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW108	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW700	6600VR1004A	Tact, SKHMPWE010 1C1P 12VDC 0.05A
SW800	6600VR1004A	Tact, SKHMPWE010 1C1P 12VDC 0.05A
FILTER & CRYSTAL		
AL1200	6210TCE002B	HB-4M3216-121JT 120OHM
AL1201	6210TCE002B	HB-4M3216-121JT 120OHM
AL1202	6210TCE002B	HB-4M3216-121JT 120OHM
AL1203	6210TCE002B	HB-4M3216-121JT 120OHM
AL1204	6210TCE002B	HB-4M3216-121JT 120OHM
AL1205	6210TCE002B	HB-4M3216-121JT 120OHM
AR1200	6210TCE002B	HB-4M3216-121JT 120OHM
AR1201	6210TCE002B	HB-4M3216-121JT 120OHM
AR1202	6210TCE002B	HB-4M3216-121JT 120OHM
AR1203	6210TCE002B	HB-4M3216-121JT 120OHM
AR1204	6210TCE002B	HB-4M3216-121JT 120OHM
AR1205	6210TCE002B	HB-4M3216-121JT 120OHM
L100	6200J000013	MLB-321611-0500P-N2 500OHM
L1004	6200J000013	MLB-321611-0500P-N2 500OHM
L1005	6200J000013	MLB-321611-0500P-N2 500OHM
L1006	6200J000013	MLB-321611-0500P-N2 500OHM
L1007	6200J000013	MLB-321611-0500P-N2 500OHM
L1008	6200J000013	MLB-321611-0500P-N2 500OHM
L1009	6200J000013	MLB-321611-0500P-N2 500OHM
L1010	6200J000013	MLB-321611-0500P-N2 500OHM
L1011	6200J000013	MLB-321611-0500P-N2 500OHM
L1012	6200J000013	MLB-321611-0500P-N2 500OHM
L1013	6200J000013	MLB-321611-0500P-N2 500OHM
L1014	6200J000013	MLB-321611-0500P-N2 500OHM
L1015	6200J000013	MLB-321611-0500P-N2 500OHM
L1016	6200J000013	MLB-321611-0500P-N2 500OHM
L1017	6200J000013	MLB-321611-0500P-N2 500OHM
L1018	6200J000013	MLB-321611-0500P-N2 500OHM
L1019	6200J000013	MLB-321611-0500P-N2 500OHM
L1020	6200J000013	MLB-321611-0500P-N2 500OHM
L1021	6200J000013	MLB-321611-0500P-N2 500OHM
L1022	6200J000013	MLB-321611-0500P-N2 500OHM
L1023	6200J000013	MLB-321611-0500P-N2 500OHM
L1024	6200J000013	MLB-321611-0500P-N2 500OHM
L1026	6200J000013	MLB-321611-0500P-N2 500OHM
L1030	6200J000013	MLB-321611-0500P-N2 500OHM
L110	6200J000013	MLB-321611-0500P-N2 500OHM

LOCA. NO	PART NO	DESCRIPTION
L1105	6200J000013	MLB-321611-0500P-N2 500OHM
L1106	6200J000013	MLB-321611-0500P-N2 500OHM
L1107	6200J000013	MLB-321611-0500P-N2 500OHM
L1108	6200J000013	MLB-321611-0500P-N2 500OHM
L1109	6200J000013	MLB-321611-0500P-N2 500OHM
L1110	6200J000013	MLB-321611-0500P-N2 500OHM
L1111	6200J000013	MLB-321611-0500P-N2 500OHM
L1112	6200J000013	MLB-321611-0500P-N2 500OHM
L1113	6200J000013	MLB-321611-0500P-N2 500OHM
L1115	6200J000013	MLB-321611-0500P-N2 500OHM
L1116	6200J000013	MLB-321611-0500P-N2 500OHM
L1117	6200J000013	MLB-321611-0500P-N2 500OHM
L1118	6200J000013	MLB-321611-0500P-N2 500OHM
L1119	6200J000013	MLB-321611-0500P-N2 500OHM
L1120	6200J000013	MLB-321611-0500P-N2 500OHM
L1121	6200J000013	MLB-321611-0500P-N2 500OHM
L1122	6200J000013	MLB-321611-0500P-N2 500OHM
L1123	6200J000013	MLB-321611-0500P-N2 500OHM
L1125	6200J000013	MLB-321611-0500P-N2 500OHM
L1126	6200J000013	MLB-321611-0500P-N2 500OHM
L1127	6200J000013	MLB-321611-0500P-N2 500OHM
L1133	6200J000013	MLB-321611-0500P-N2 500OHM
L114	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L115	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L119	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L120	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L1204	6200J000013	MLB-321611-0500P-N2 500OHM
L1205	6200J000013	MLB-321611-0500P-N2 500OHM
L1206	6200J000013	MLB-321611-0500P-N2 500OHM
L1207	6200J000013	MLB-321611-0500P-N2 500OHM
L1208	6200J000013	MLB-321611-0500P-N2 500OHM
L1209	6200J000013	MLB-321611-0500P-N2 500OHM
L121	6200J000013	MLB-321611-0500P-N2 500OHM
L122	6210VC0005A	BK2125HS750-T 75OHM
L123	6210VC0005A	BK2125HS750-T 75OHM
L124	6210VC0005A	BK2125HS750-T 75OHM
L125	6210VC0005A	BK2125HS750-T 75OHM
L126	6210VC0005A	BK2125HS750-T 75OHM
L131	6210VC0005A	BK2125HS750-T 75OHM
L132	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L200	6200J000013	MLB-321611-0500P-N2 500OHM
L201	6200J000013	MLB-321611-0500P-N2 500OHM
L202	6200J000013	MLB-321611-0500P-N2 500OHM
L203	6200J000013	MLB-321611-0500P-N2 500OHM
L204	6200J000013	MLB-321611-0500P-N2 500OHM
L301	6200J000013	MLB-321611-0500P-N2 500OHM
L302	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L304	6200J000013	MLB-321611-0500P-N2 500OHM
L400	6200J000013	MLB-321611-0500P-N2 500OHM
L401	6200J000013	MLB-321611-0500P-N2 500OHM
L403	6200J000013	MLB-321611-0500P-N2 500OHM
L407	6200J000013	MLB-321611-0500P-N2 500OHM

LOCA. NO	PART NO	DESCRIPTION
L408	6200J000013	MLB-321611-0500P-N2 500OHM
L409	6200J000013	MLB-321611-0500P-N2 500OHM
L410	6200J000013	MLB-321611-0500P-N2 500OHM
L413	6200J000013	MLB-321611-0500P-N2 500OHM
L414	6200J00005E	HH-1M2012-601JT 600OHM
L415	6200J00005E	HH-1M2012-601JT 600OHM
L416	6200J000013	MLB-321611-0500P-N2 500OHM
L500	6200J000013	MLB-321611-0500P-N2 500OHM
L502	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L503	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L506	6200J000013	MLB-321611-0500P-N2 500OHM
L604	6200J000013	MLB-321611-0500P-N2 500OHM
L606	6200J000013	MLB-321611-0500P-N2 500OHM
L607	6210VC0006A	FBMH3216 HM501NT 500OHM
L701	6200J000013	MLB-321611-0500P-N2 500OHM
L802	6200J000013	MLB-321611-0500P-N2 500OHM
L804	6210TCE0013	HB-1M1608-121JT 120OHM
L805	6210TCE0013	HB-1M1608-121JT 120OHM
PFB1	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB10	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB11	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB12	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB13	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB14	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB15	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB16	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB17	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB18	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB2	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB3	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB4	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB5	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB6	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB7	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB8	0LCML00003B	MLB-201209-0120P-N2 120OHM
PFB9	0LCML00003B	MLB-201209-0120P-N2 120OHM
X1200	6212AB2845A	Crystal, ABLS-27.000MHZ-16-B-4Y-F-T
X300	166-E02F	Ceramic, CSBLA500KECZF09-B0 500KHZ 2KHz
X400	6202VDT002H	Crystal, SX-1 18.432MHZ 30PPM 18.432MHZ
X401	6202VDT002H	Crystal, SX-1 18.432MHZ 30PPM 18.432MHZ
X700	6212AB2844A	Crystal, ABLS-19.6608MHZ-22-B-4Y-T
X800	6212AB2844A	Crystal, ABLS-19.6608MHZ-22-B-4Y-T
Y1	6212AB2873A	Crystal, HC-49/SM 24.576MHZ 30PPM
JACK		
JK100	6612J00043C	Jack,ScartUPJ-R1-031 21P 21P/1C
JK101	6612J10033A	Jack,ComplexPMJ016-13 13P DIN/RCA
JK101	6612J00043C	Jack,ScartUPJ-R1-031 21P 21P/1C
JK103	6612J10031A	Jack,RCAPPJ209-02 14.0MM 1RX5C
JK104	6612J10003W	Jack,RCAKCN-BT-0-0048 14.0MM
JK105	6612F00024C	Jack,DINPSJ014-01 SOCKET 4P ANGLE
JK1200	6612B00015B	Jack,DINDC1R019WDH SOCKET 21P

The components identified by mark ⚠ is critical for safety.
Replace only with part number specified.

LOCA. NO	PART NO	DESCRIPTION
JK200	6612J10025A	Jack,ComplexKCN-BT-0-0055 4P PAL/RCA
JK400	6612J10002B	Jack,RCAPPJ200-01 14.0MM 1RX2C
JK501	6612F00099A	Jack,PhonePEJ024-01 1P 4P STRAIGHT
JK600	6612F00099A	Jack,PhonePEJ024-01 1P 4P STRAIGHT
WAFER		
CN6	6602T25008L	Conector,Wafer SMW250-12P 12P 2.50MM
CN7	6602Q39005A	Conector,Wafer 1-1123723-4 4P 3.96MM
CW1	366-036B	Conector,Wafer 53014-1210 12P 2.00MM
CW2	366-036B	Conector,Wafer 53014-1210 12P 2.00MM
P1	6602T20009C	Conector,Wafer SMAW200-04P 4P 2.00MM
P100	6602T20009J	Conector,Wafer SMAW200-10P 10P 2.00MM
P1001	6602T25008M	Conector,Wafer SMW250-13P 13P 2.50MM
P101	6602T20009C	Conector,Wafer SMAW200-04P 4P 2.00MM
P101	6602T20009C	Conector,Wafer SMAW200-04P 4P 2.00MM
P101	6602T20009L	Conector,Wafer SMAW200-12P 12P 2.00MM
P1100	6602T25008J	Conector,Wafer SMW250-10P 10P 2.50MM
P1103	6602T12007D	Conector,Wafer GT121-31P-TD 31P 1.25MM
P1104	6602T25008B	Conector,Wafer SMW250-03P 3P 2.50MM
P300	6602T20009L	Conector,Wafer SMAW200-12P 12P 2.00MM
P401	6602T25008B	Conector,Wafer SMW250-03P 3P 2.50MM
P401	6602T25008C	Conector,Wafer SMW250-04P 4P 2.50MM
P402	6602T25008C	Conector,Wafer SMW250-04P 4P 2.50MM
P800	6602T20008J	Conector,Wafer SMW200-10P 10P 2.00MM
P802	6602T20008J	Conector,Wafer SMW200-10P 10P 2.00MM
P803	6602T12007D	Conector,Wafer GT121-31P-TD 31P 1.25MM
P805	6602T12007D	Conector,Wafer GT121-31P-TD 31P 1.25MM
MISCELLANEOUS		
CA1	6631900100D	Cable & Wire,Unclassified4P 2.5MM 600MM
CA2	6631T11017J	Cable,FFCSML2SC-31(4)x92-BDx8(BL)
CA3	6631V10008A	Cable,FFC31Px50xP7x1.0x(0.1x0.65)
CA4	68509A0004J	CABLE,COAXIALRCA R/A TO RCA R/A UL
CA5	68509C0001A	Cable,AssemblySP-FC-40P IDC TYPE CONNECTOR(F)
CA6	6850J00005C	Cable,Assembly GT121 HOUSING GT121 0.6M
IC603	0IPRPNS054A	Sensor,TemperatureLM75CIMX-3 3TO5.5V SOP
IC900	692791167AD	S/W,FirmwareV2.04 59C2 EUROPE FLASH
S1	692791176AA	S/W,FirmwareV2.00 ED89 EUROPE FLASH
TU206	6700MF0012A	Tuner,Tuner/ModulatorTAUM-W101P LGIT MULTI
TU207	6700MF0012C	Tuner,Tuner/ModulatorTAFM-W103P LGIT MULTI
ACCESSORIES		
A1	38289U0564A	Manual, 017V TX USER MF056L EN (ISRAEL)
	38289U0564B	Manual, 017V TX USER MF056L 8LANS WESTERN
	38289U0564H	Manual, 017V TX USER MF056L FR/EN
	3828U0564R	Manual, 017V TX USER MF056L EN/RU/KA/UK
	38289U0564Z	Manual, SUPPLIER 0 EU ALL RS232C LG
A2	6710T00017V	Remote Controller, 42PC1RR-ZL(DVR,W/O EPF)
⚠ A3	64109EP003A	Power Cord, 370-313-2800-16A-K 2.7M (MOSCOW)
	6410TLW002A	Power Cord,LP-42+GFC18N.. 1.87M (ISRAEL)
	6410VEH003K	Power Cord, SP-023 IS-14 1.87M 0.75MM2
	6410TBW004A	Power Cord, LP-061L+GFC18N1.87M 0.75MM2(LGEGF)

LOCA. NO	PART NO	DESCRIPTION
A4	4972V00178B	Supporter, WALL FOLDING STAND ONLY

CORTEZ

OPTION: DIGITAL EYE (LCD ONLY)

WAFER OPTION
PDP-P1600
LCD-P1101-P1102

DIGITAL_EYE

PDP ONLY

LCD ONLY

AUDIO BLOCK

IC400
MSP4410K

IC406
MSP4410K

EMI

SPEAKER WAFER
PDP P401~P402
LCD P1105~P1106

OPTION

MOVED

MUTE_MAIN

COIL OPTION
PDP L403~L404~L405~L406
LCD L1013~L1014~L1015~L1016

AV SWITCH

CXA2069Q
IC1206

Back Input
Video 4

Front Input
Video 5
Front AV Input 1

MNT OUT
SCART 2

SUB OUT
CVBS/S

MAIN OUT
CVBS/S

2 TUNER Input

HDMI

IC1200
SII9011CLU

EMI

ADATA[0~7]:HDMI_G
ADATA[8~15]:HDMI_R
ADATA[16~23]:HDMI_B

HPD OPERATION

NORMAL	L
POWER ON	H

HUDSON

IC700
FLI8125AA-LF

ADATA[16-23]:HDMI_B
ADATA[0-7]:HDMI_G
ADATA[8-15]:HDMI_R

HUDSON SCART G.G.B BUFFER

TUNER

JK200
UCT-EX-070

SHIELD
13
12 AUDIO_OUT
11 SIF_OUT
10 AFT
9 VIDEO_OUT
8 GND
7 33V
6 5V
5 SDA
4 SCL
3 AS(TU)
2 +B
1 RF_AGC

TAFM-W103P
TU207

TAUM-W101P
TU206

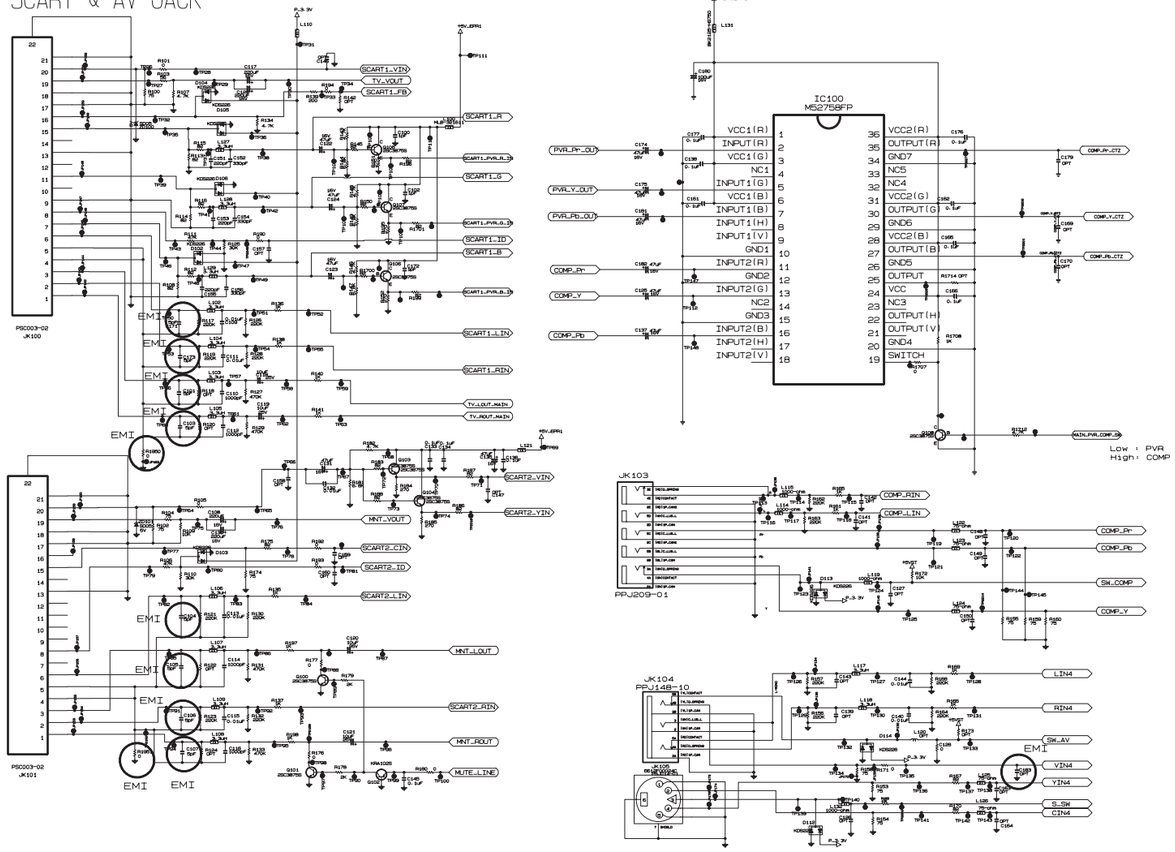
POWER

PANEL_ON

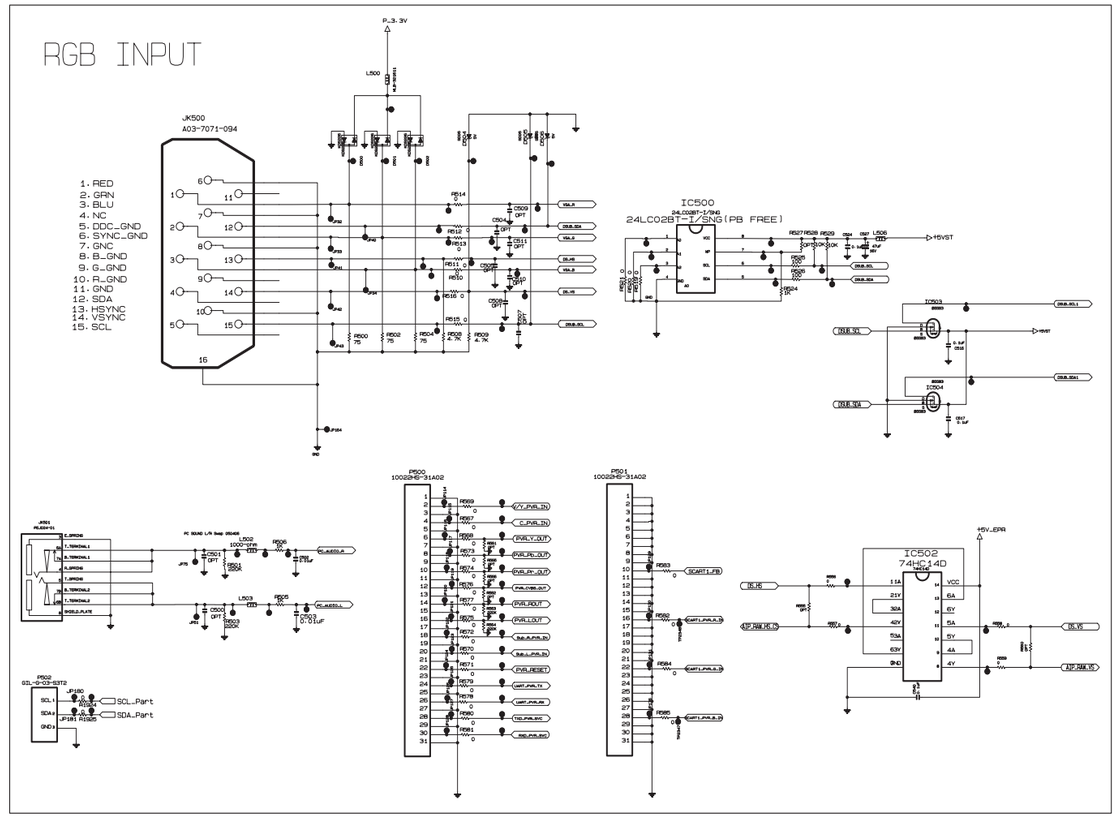
OPTION: PANEL 12V (LCD ONLY)

POWER 2

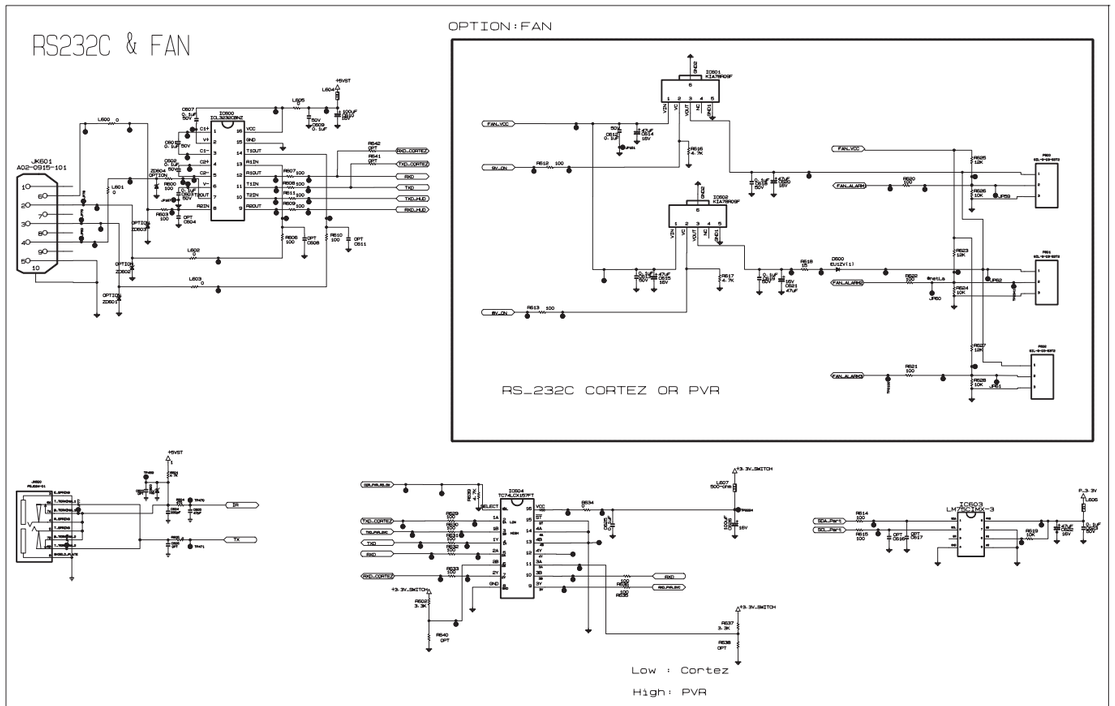
SCART & AV JACK



RGB INPUT

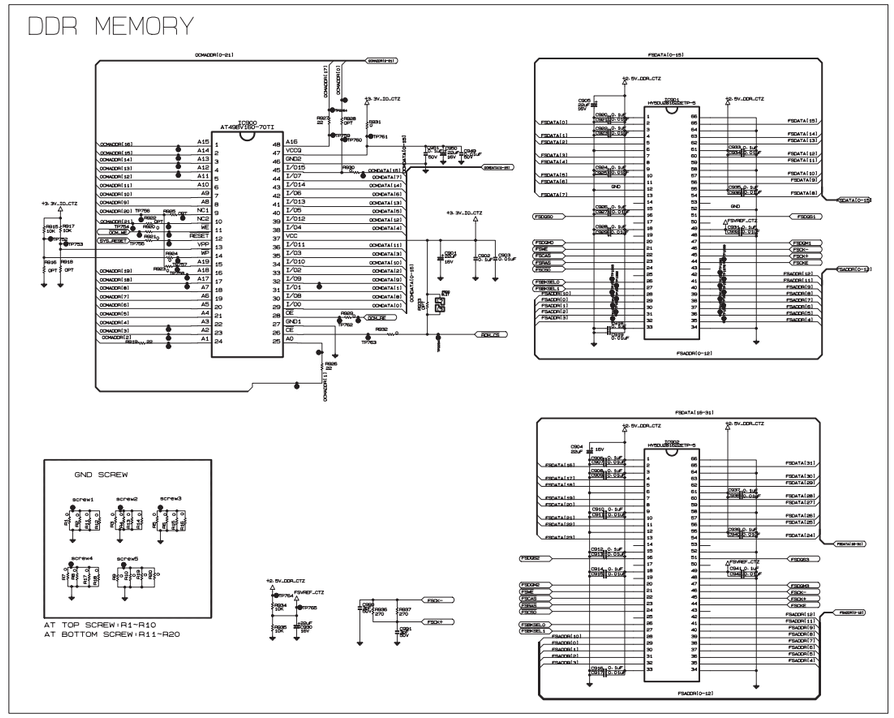


RS232C & FAN



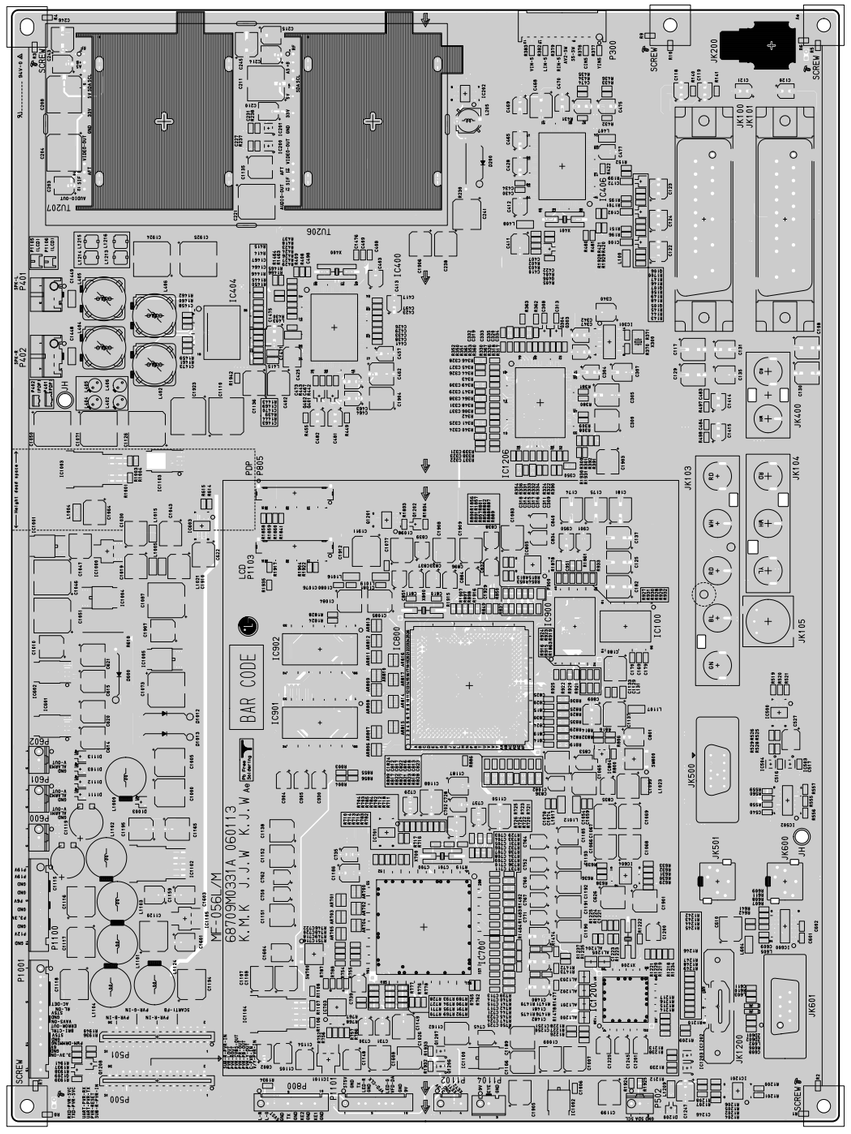
OPTION:FAN

DDR MEMORY



PRINTED CIRCUIT BOARD

MAIN(TOP)



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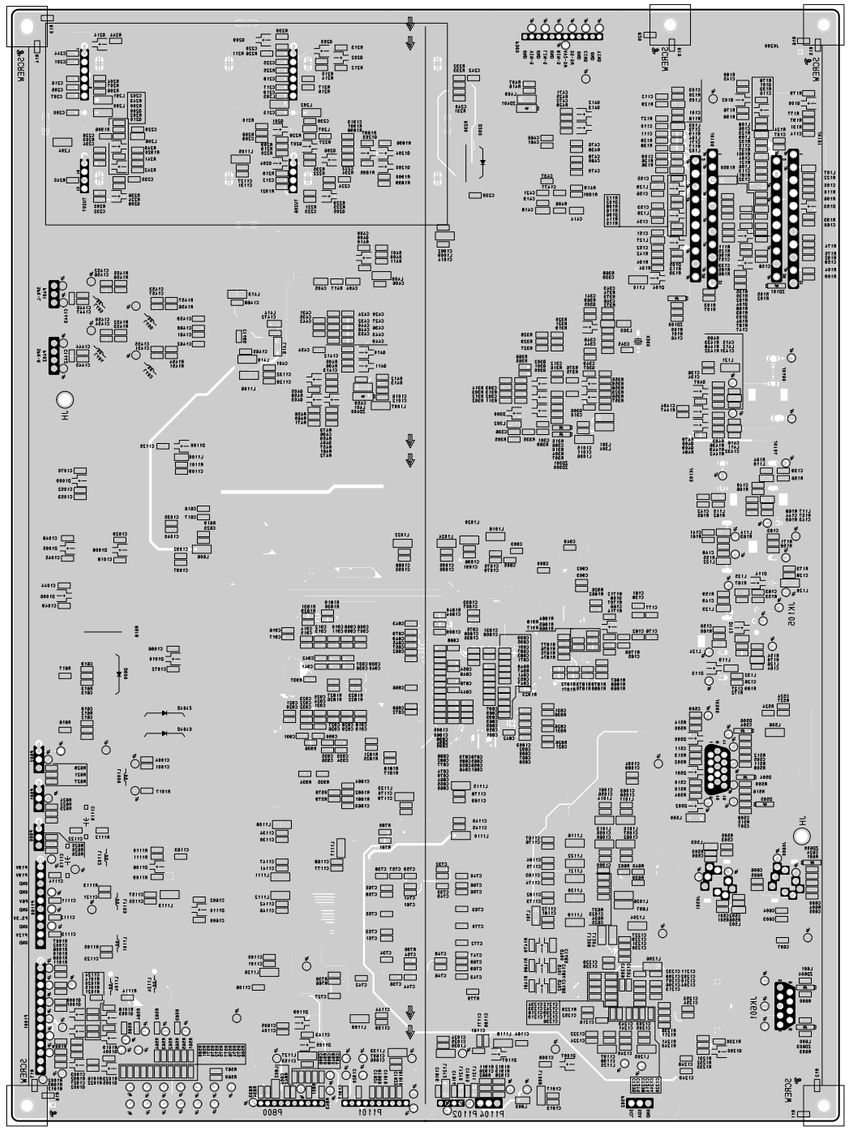

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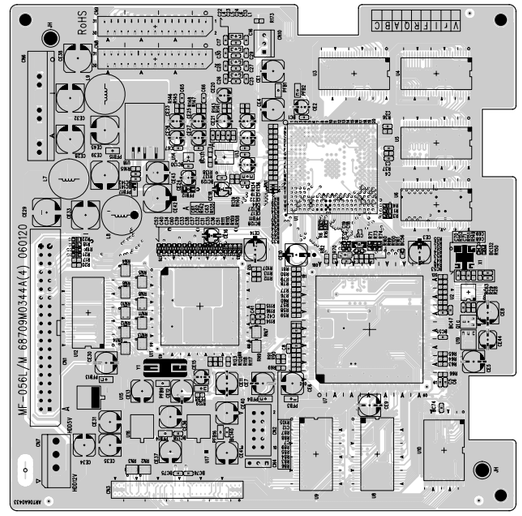
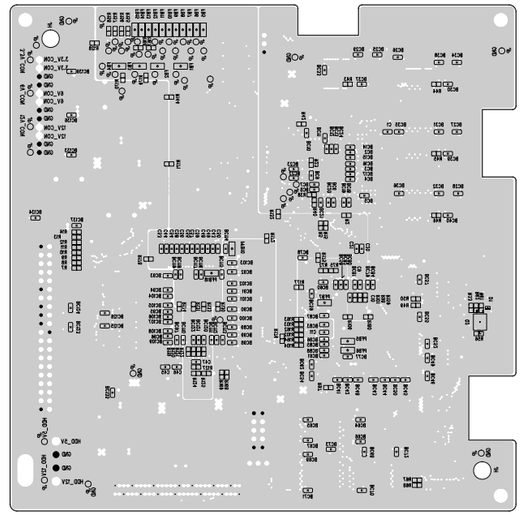
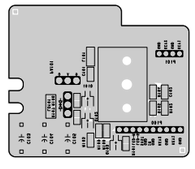


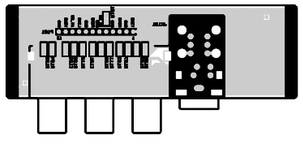
MAIN2(BOTTOM)



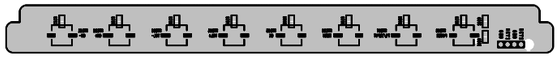
PRE-AMP



SIDE A/V



CONTROL



LG Electronics Inc.

P/NO : 38289S0035A

Apr., 2006
Printed in Korea